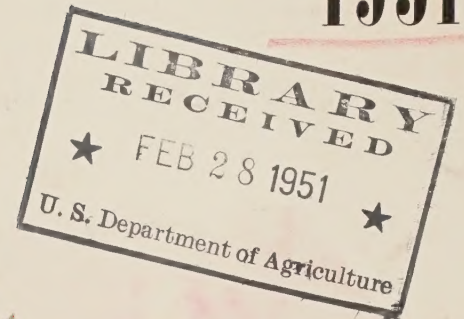


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66th Catalog
1951



TITHONIA TORCH
ALL AMERICA
SILVER MEDAL WINNER 1951
See Page 18

THE *Tillinghast Seed Co.*
LA CONNER, WASHINGTON



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(Plant Pat. No. 922)



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(Plant Pat. No. 885)



Charlotte Armstrong (Plant Pat. No. 455)

Complete
Rose List
On Pages 32-33

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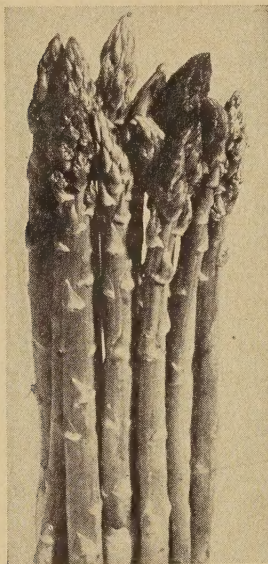
QUANTITY OF SEED AND SPACING FOR HOME AND MARKET GARDENS

VEGETABLE	Seed Required for 50 ft. of row	Seed Required to sow an acre	Distance between rows inches	Distance apart in row inches	Depth of planting inches
Asparagus	1/2 oz.	4 lbs.	14 to 24	3 to 6	1
Bean, Bush	1/2 lb.	50 to 60 lbs.	24 to 30	2 to 3	1 1/2 to 2
Beans, Lima	1/2 lb.	30 to 50 lbs.	24 to 36	3 to 6	1 1/2 to 2
Beans, Pole	1/2 lb.	30 to 35 lbs.	36 to 48	6 to 8	1 1/2 to 2
Beet	1/2 oz.	8 to 14 lbs.	14 to 24	3 to 4	1/2 to 1
Beet, Mangel & Sugar	1/2 oz.	6 to 10 lbs.	18 to 24	6 to 9	1/2 to 1
Swiss Chard	1/2 oz.	6 to 10 lbs.	18 to 24	10 to 12	1
Broccoli	1/4 oz.	4 oz.	20 to 36	16 to 22	1/2 to 1
Brussels Sprouts	1/4 oz.	4 oz.	20 to 36	16 to 22	1/2 to 3/4
Cabbage	1/4 oz.	4 oz.	18 to 36	14 to 24	1/2
Carrot	1/4 oz.	3 to 4 lbs.	16 to 24	1 to 3	1/2
Cauliflower	1/4 oz.	4 oz.	24 to 30	20 to 24	1/2
Celery	1/8 oz.	4 oz.	24 to 30	4 to 6	1/4
Chicory	1/2 oz.	4 to 5 lbs.	20 to 36	2 to 3	1/2 to 1
Collard	1/4 oz.	5 oz.	24 to 30	14 to 18	1/2
Corn, Pop	3 oz.	6 to 8 lbs.	34 to 40	6 to 8	1
Corn, Sweet	4 oz.	10 to 12 lbs.	30 to 42	9 to 12	1
Cress	1 oz.	10 lbs.	12 to 18	2 to 4	1/2
Cucumber	1/2 oz.	3 to 4 lbs.	48 to 60	12 to 36	1/2 to 3/4
Dill	1/2 oz.	5 lbs.	20 to 36	4 to 6	1/2
Egg Plant	1/8 oz.	5 to 6 oz.	24 to 36	18 to 24	1/2
Endive	1/2 oz.	4 to 5 lbs.	18 to 24	8 to 12	1/2
Kale	1/2 oz.	4 to 5 lbs.	24 to 32	14 to 22	1/2
Kohl Rabi	1/4 oz.	4 to 5 lbs.	14 to 24	4 to 6	1/2
Leek	1/4 oz.	4 lbs.	14 to 36	2 to 3	3/4

VEGETABLE	Seed Required for 50 ft. of row	Seed Required to sow an acre	Distance between rows inches	Distance apart in row inches	Depth of planting inches
Lettuce	1/4 oz.	3 lbs.	12 to 18	4 to 12	1/4
Melon, Musk	1/2 oz.	3 to 4 lbs.	70 to 80	36 to 60	3/4
Melon, Water	1/2 oz.	3 to 4 lbs.	72 to 96	72 to 96	1/2
Mustard	1/4 oz.	4 lbs.	14 to 24	6 to 9	1/2
Okra	1 oz.	8 to 10 lbs.	24 to 40	18 to 24	1
Onion	1/4 oz.	3 to 4 lbs.	18 to 24	3 to 4	3/4
Onion (for sets)	1/2 oz.	60 to 85 lbs.	12 to 14	Not thin'd	3/4
Parsnip	1/2 oz.	3 to 4 lbs.	18 to 24	3 to 4	1/2
Parsley	1/4 oz.	3 to 4 lbs.	12 to 20	6 to 8	1/2
Peas	3/4 lb.	90 to 180 lbs.	24 to 36	1 to 2	1 to 2
Pepper	1/8 oz.	1 to 2 lbs.	20 to 30	18 to 29	1/2
Potatoes	8 lbs.	800-1000	24 to 36	18 to 24	6
Pumpkin	2 oz.	3 to 4 lbs.	96 to 110	60 to 84	3/4
Radish	1/2 oz.	10 to 12 lbs.	12 to 18	1 to 2	1/2
Rhubarb	1/2 oz.	3 lbs.	24 to 42	20 to 24	3/4
Rutabaga	1/2 oz.	2 to 4 lbs.	18 to 24	4 to 7	1/2
Sage	1/2 oz.	4 to 5 lbs.	20 to 24	6 to 10	1/2
Salsify	3/4 oz.	7 to 8 lbs.	18 to 24	2 to 3	3/4
Spinach	3/4 oz.	10 to 20 lbs.	14 to 18	3 to 5	3/4
Squash, Bush	1 oz.	4 to 6 lbs.	42 to 48	42 to 48	1
Squash, Vining	1 oz.	4 lbs.	72 to 90	60 to 90	1
Sunflower	1 oz.	7 to 8 lbs.	48 to 70	10 to 12	1
Tomato		2 oz.	40 to 60	36 to 40	1/2
Tobacco		2 oz.	36 to 48	24 to 36	1/2
Turnip	1/2 oz.	2 to 3 lbs.	12 to 20	2 to 4	1/2

VEGETABLE LIST FOR 1951

BEANS



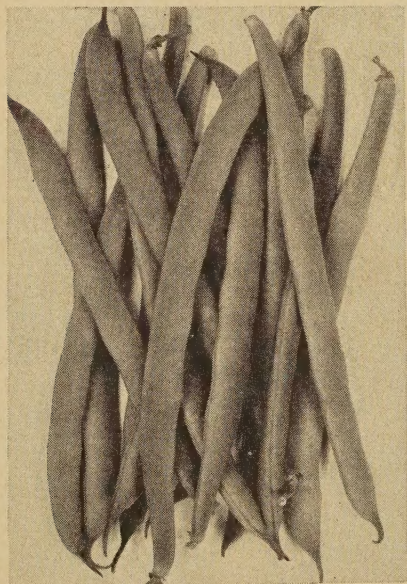
ASPARAGUS

Asparagus

1 oz. to 100 ft., 4 lbs. per acre

Culture. When starting an Asparagus bed from seed, it is advisable to soak the seed for 24 hours before planting. Sow in Spring in rows about 18 inches apart, allowing 15 to 20 seeds to the foot. Cover 2 inches deep. When plants are well established, thin to about an inch apart. The plants will be ready to set in a permanent bed the following Spring.

Giant Washington. A rust-resisting asparagus. This splendid new asparagus which has been bred up under U. S. Government supervision, has proven to be of unquestioned merit both for the home garden or for production on a large scale. The color is good and quality excellent. Pkg. 10c; oz. 25c; 1/4 lb. 60c; 1 lb. \$1.75.



BLUE LAKE POLE BEAN

DWARF BEANS

1 lb. to 100 ft., 50 to 60 lbs. per acre

POLE BEANS

1 lb. to 100 ft., 30 to 35 lbs. per acre

LIMA BEANS

1 lb. to 100 ft., 30 to 50 lbs. per acre

Culture. Plant Beans after all danger of frost is past, in warm, dry, well prepared soil. The rows should be 2 to 3 feet apart and the seeds covered 1 1/2 to 2 inches deep. Thin the young plants to 3 to 6 in. apart in the rows. Shallow cultivation should be frequent until blossoming; then stop to avoid injury to roots. Root injury causes the blossoms to fall off. For succession, plant every 2 weeks until mid-summer. Frequent picking of crop insures long bearing.

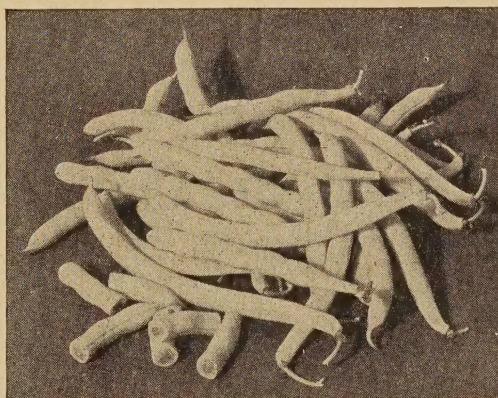
Wax-Pod Bush Beans

Brittle Wax. 52 days. Without a doubt the earliest of all wax beans and also a great cropper. The bushes are remarkably hardy and extremely stringless, often measuring 4 1/2 to 6 inches. Fine flavor, round and solid. Also fine as a shell bean. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.

Improved Golden Wax. 50 days. A splendid early wax bean. The plants are erect, compact and very productive. The pods are medium size, broad and fleshy. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.

Pencil Pod Black Wax. 59 days. One of the finest strains of wax beans known. It is very early, enormously productive and of the very best quality. It has long, slender handsome pods, that cook so tender that they melt in the mouth. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.

Puregold Wax. 65 days. A new bean of rich pure gold color. Tremendously productive with pods 6 inches long and nearly straight. Stringless and resistant to disease. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.



PUREGOLD WAX BEAN

Green-Pod Bush Beans

Henderson's Bountiful. 51 days. One of the earliest of green pod beans. Vines are vigorous and prolific. Pods large, flat, free from strings or tough lining and are tender and delicious. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.

Stringless Green Pot. 54 days. Remain tender and crisp a long time after they reach full size and are tender, brittle and entirely stringless. Very productive. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.

Tendergreen. 56 days. A very desirable sort for home garden or market. The plants are large, erect and productive. Pods round, fleshy, dark green, strictly stringless, and of fine quality. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.

Shell Beans

Boston Pea Bean. 95 days. This is the best of the small white beans known as navy beans for the Northwest. The bean is small, oval, white and of excellent flavor for baking. The plant does not run to vine and the leaves are few and drop early. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.

Davis White Wax. 52 days. A popular white seeded, wax podded bean of superior merit. The pod is large and when young is crisp and tender. One of the main uses of this variety, however, is as a dried bean for winter use, for which purpose it is unsurpassed. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.

Dwarf Horticultural, or "Cranberry Bean." 53 days. This well-known bean is very sturdy and prolific. The beans, which are speckled, bright red on a yellowish ground, are quite large and uniform and are very fine either for eating as green shell beans or as dried beans for winter use. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.

Beans, Pole or Running

Blue Lake. 65 days. An early, long round pod, stringless bean. Good flavor and a heavy yielder. The best canning bean on the market. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.

Kentucky Wonder. 65 days. Also called Old Homestead. It is medium early and enormously productive. The pods are large, green, and very long. A wonderful string bean that is also satisfactory as a dry shelled bean. The seed is brown. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.

Kentucky Wonder Wax. 67 days. An excellent variety and of the very best pole beans. The pods are long, very thick, meaty, deeply saddle-backed, entirely stringless and bright yellow in color. The vine is thrifty and very prolific. Seed deep brown. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.

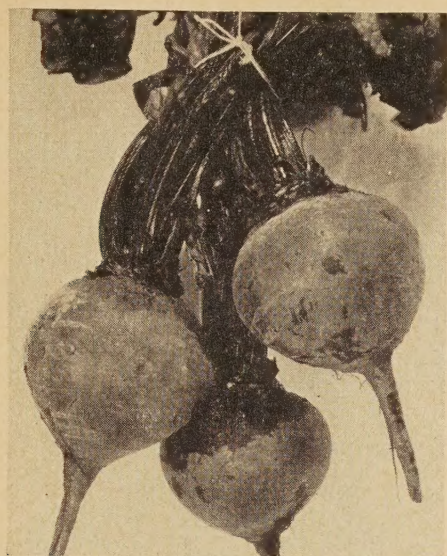
Oregon Giant Bean. 70 days. This is one of the best of the recent introductions, either for home or for market. The pods are about one foot in length and light green striped with carmine. Hardy and productive. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.

Lima Beans

Early Bush Lima. 65 days. Earliest and most productive of the lima beans. Quality good either for eating fresh or for canning. Requires a warm location in this area. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.

Fordhook No. 242. 70 days. The standard market garden and shipping variety. Highly recommended for freezing. Pods uniform in size, broad, thick and contain 3 to 4 beans of finest flavor. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c.

Oregon Pole Lima. An excellent pole Lima Bean that does very well in the Northwest, being early enough to mature in this climate. The pods are large and broad. The beans are white, and of delicious quality, either green, shelled or dry. Pkt. 15c; 1/2 lb. 35c; 1 lb. 60c; 5 lbs. for \$2.90.



BEET, DETROIT DARK RED

Table Beets

1 oz. to 100 ft., 8 to 14 lbs. per acre

Culture. Seed should be sown at the rate of one ounce to 100 feet of row. The rows should be spaced 14 to 24 ins. apart. Work the soil well and cover the seeds about an inch deep. A rich sandy loam is most favorable, but nearly all types of soil will provide beets if sufficiently fertilized and properly tilled.

Early Wonder. It is very nearly globular in shape and the flesh is dark red, sweet and tender. The skin is smooth and the tops small. It matures slightly later than the Early Egyptian. Pkt. 10c; oz. 25c; ¼ lb. 50c; ½ lb. 80c; 1 lb. \$1.50.

Detroit Dark Red. This is considered the best general purpose beet on the market today. The root is rounded smooth and very dark red. The flesh is dark crimson with almost purple zones and of the finest quality. It has replaced almost entirely the sorts formerly used for canning. Pkt. 10c; oz. 25c; ¼ lb. 50c; ½ lb. 80c; 1 lb. \$1.50.

Crosby's Egyptian. This beet is smooth, dark red, and about midway in shape between Flat Egyptian and Detroit Dark Red, and of excellent flavor. Pkt. 10c; oz. 25c; ¼ lb. 50c; ½ lb. 80c; 1 lb. \$1.50.

Edmond's Blood Turnip. A handsome, clean shaped blood beet, not too large or coarse but of good size. The flesh is crisp, tender and sweet and an excellent keeper. The tops are small and the root matures rather early. Pkt. 10c; oz. 25c; ¼ lb. 50c; ½ lb. 80c; 1 lb. \$1.50.

Mangel or Stock Beets

Prices on All Mangel Seed: Pkt. 15c; ¼ lb. 40c; ½ lb. 70c; 1 lb. \$1.30; 5 lbs. and over @ \$1.25 per lb. Postpaid in 1st to 4th zones.

Danish Sludstrup. This is without doubt the largest selling mangel in the Northwest. The root is oval, easy to pull, and reddish yellow in color. High in yield and high in food value.

Golden Yellow Tankard. A smooth yellowish-fleshed mangel. The roots are of large diameter, tapering quickly at the bottom, which is quite broad, with only a small tap root. It grows largely above the soil.

Brussels Sprouts

½ oz. to 100 ft., 4 oz. per acre

Culture. They are successfully grown wherever conditions are favorable for late cabbage and require the same methods of culture. They mature best in the Autumn after the weather becomes cool.

Tall French. This variety grows two or three feet high. It produces numerous sprouts which resemble little cabbage heads, one or two inches in diameter. The flavor is like mild cabbage. Pkt. 10c; oz. 60c.



BROCCOLI, ITALIAN GREEN SPROUTING

CABBAGE

½ oz. to 100 ft., 4 oz. per acre

Culture. For plants of early kinds, sow seed in January under glass, and put out into flats about 2 inches apart. Transplant to open ground as early in the Spring as the soil can be prepared, setting 1½ to 2 feet apart, in rows, which should be 3 feet apart. Cultivate frequently, and during dry weather water copiously. Late cabbage seed should be sown in drills in open ground during April and May, and transplanted in June or July.

Early Cabbage

Prices—On All Cabbage

Pkt. 10c; oz. 40c; ¼ lb. \$1.20; 1 lb. \$3.60

Golden Acre. Small, round, quite solid heads, maturing with Jersey Wakefield. Plant dwarf, with few outer leaves.

Charleston Wakefield. A little later and larger than the Early Jersey Wakefield. The leaves are large, smooth and rather thick. The plant is very hardy and vigorous. The heads are blunt pointed, broad at the base, and in general very uniform.

Early Jersey Wakefield. This is the earliest and best cabbage not only for market gardeners but for the family garden. Its great resistance both to frost and other unfavorable conditions makes it the surest header of all the early cabbages. The heads are very solid, uniform, medium sized and of excellent quality.

Early Dwarf Flat Dutch. The plants of this valuable second early sort are short stemmed, compact and upright. Heads large for size of plant, nearly round or somewhat flattened and very solid.

Copenhagen Market. This is the earliest of the round headed type of cabbage. Heads are quite large, very fine quality. Although this is not quite so hardy as early Jersey Wakefield, it will be found excellent both for home garden and the market. Pkt. 10c; oz. 40c.

Broccoli

½ oz. to 100 ft., 4 oz. per acre

Broccoli is a variety of cauliflower, but is more hardy and requires a longer period for development. It is often called "winter cauliflower" and should be treated the same as late cauliflower.

Italian Green Sprouting. The heads are green instead of white and are considered by many to be superior in flavor to the standard sort. If the first head is cut when ready others will sprout up so that several cuttings may be had. Pkt. 10c; ¼ oz. 25c; 1 oz. 75c.

St. Valentine. This is the finest variety of Broccoli used largely by market gardeners as well as in the home garden. The heads are large, solid, very white and of finest quality. With average weather conditions the crop will mature for use about February. Pkt. 15c; ¼ oz. 60c.



CABBAGE, EARLY JERSEY WAKEFIELD

Late Cabbage

Prices—On All Cabbage

Pkt. 10c; oz. 40c; ¼ lb. \$1.20; 1 lb. \$3.60

Danish Ball Head. A medium-sized, very solid head. It is a longer keeper and a good one to ship. The small heads weigh more than large heads of other kinds. Should be planted on good soil, with good cultivation to secure good-sized heads.

Premium Late Dutch. Best for winter use; round or slightly flattened heads; stands freezing well. A good keeper and of excellent quality.

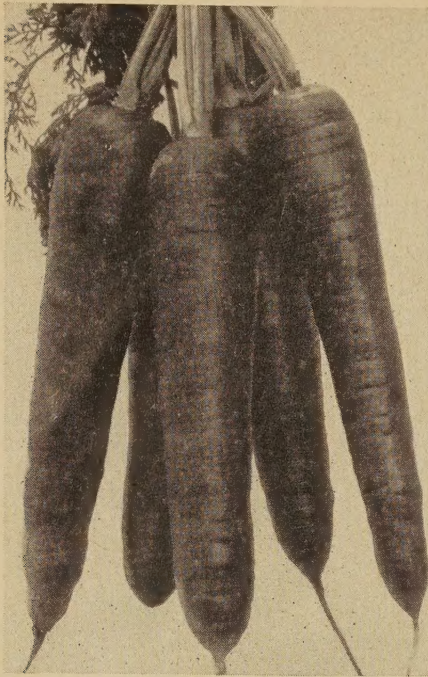
Glory of Enkhuizen. Second early variety, sure heading and excellent quality. Plants of vigorous growth. Heads globular or nearly round, very solid and of large size.

Netted Savoy. This is the finest of the Savoy cabbages, and a general favorite; of excellent flavor, surpassing that of any other late cabbage, stands freezing well.

Red Drumhead. 90 days. An excellent red cabbage; splendid winter keeper. Heads round to slightly flattened globe-shape; commonly 7 inches in diameter and weigh about 7 lb.; very hardy; deep purplish red.

Chinese Cabbage

Chihli. A quaint, distinct early variety of great merit which we think superior to all other types. Heads are long, almost cylindrical, bleached pure white, very solid and of superior quality. The upright growth and the shape of the heads permit closer planting than of other kinds. It is important to sow at the right time in July and August as spring sowing will bolt to seed. Pkt. 10c; oz. 40c.



CARROT, IMPERATOR

Carrots

½ oz. to 100 ft., 3 to 4 lbs. per acre

Culture. Sow seed from April to July, in drills 1½ feet apart, covering the seed ½ inch deep. Thin out the young plants from 3 to 5 inches apart, according to size of variety. Cultivate freely and do not allow the soil to get too dry during hot weather.

Prices on All Table Carrots: Pkt. 10c; oz. 30c; ¼ lb. 90c; ½ lb. \$1.70; 1 lb. \$3.25.

Nantes or Coreless. This is one of the finest of all table carrots, about six inches long and slightly over one inch in diameter when fully matured. It is stump rooted and very uniform in size. The flesh is exceptionally tender and sweet and the flavor is fine, either cooked or raw. Our strain is almost entirely coreless, which makes it unsurpassed for canning purposes.

Danvers Half-Long. The best known of all yellow carrots. It is shorter and easier to pull than the Long Orange and one of the best yielders. The quality is excellent. Very fine for table or stock.

Long Orange. This is an old and well known variety in use for many years as a stock carrot. However, owing to its bright color and shape many market gardeners are finding a ready sale for it in the stores and markets.

Red Cored Chantenay. The roots are about six inches long and two inches in diameter. The core is quite red and in cooking retains its color to a remarkable extent. It has all the good qualities of both the Chantenay and the Nantes, and about 10 per cent greater sugar content.

Oxheart or Guerande. Short and thick; three or four inches in diameter at the neck. Of most beautiful color and shape.

Imperator. A long, smooth, handsome carrot. Roots have rounded shoulders, smooth, deep rich orange; uniformly tapered to a semi-blunt end. Fine grained, tender and of excellent quality. An ideal bunching carrot.

Stock Carrots

White Belgian. This is the largest and best of the white stock carrots. The roots are 8 to 10 inches long and 3 to 4 inches thick at the top. Pkt. 10c; oz. 30c; ¼ lb. 90c; ½ lb. \$1.70; 1 lb. \$3.25.

Yellow Belgian. A new carrot similar to the White Belgian in every way except the color which is pale yellow. Pkt. 10c; oz. 30c; ¼ lb. 90c; ½ lb. \$1.70; 1 lb. \$3.25.



CAULIFLOWER, EARLY SNOWBALL

Cauliflower

¼ oz. to 100 ft., 4 oz. per acre

Culture. The same methods that produce good Cabbage will grow good Cauliflower. The only great difference is that Cauliflower heads must be protected from sunlight so as to make sure of the desirable white curd. Gather the tops of the leaves together loosely as soon as the heads begin to form. In shutting off the light, it is important not to cramp the heads.

Henderson's Early Snowball. The best known and most used of all the early cauliflowers. Produces beautiful snowy-white heads of the most delicious flavor. Pkt. 15c; ¼ oz. 75c; oz. \$2.50.

Veitch's Autumn Giant. The finest of the late cauliflowers. It produces immense compact white heads, 8 to 10 inches in diameter. Plants are large and vigorous. Pkt. 15c; ¼ oz. 75c; oz. \$2.50.

Celeriac

¼ oz. to 100 ft., 4 oz. per acre

Culture. Sow seed at the same season and give same treatment as common celery. Transplant to moist, rich soil, in rows 2 feet apart and 6 inches apart in row. After the roots have attained a diameter of 2 ins., they are fit for use.

Celeriac (Turnip-rooted Celery). This is distinct in growth from all the tall celeries. The edible portion is the large, swollen root, which somewhat resembles a turnip, and is highly esteemed for boiling or for flavoring soups, stews and other dishes. Pkt. 10c; oz. 30c.

Chicory

1 oz. to 100 ft., 4 to 5 lbs. per acre

Large Rooted. The dried roots of chicory are used as a substitute for coffee. Experiments have proven that the leaves are rich in vitamins and are very valuable as a poultry food. Also used in salads. Pkt. 10c.

Chives

A perennial onion-like plant that is used as a flavoring for salads and soups. It can be easily started from seed and a bed when once started is good for several years. Pkt. 15c.



CELERY, UTAH

Celery

¼ oz. to 100 ft., 4 oz. per acre

Culture. Sow from February to May in drills 1 foot apart. Later, usually in June, transplant to rows 3 feet apart and 6 inches apart in row. Rows should be furrowed out so plants may be set 6 inches deep. Later, soil may be banked against rows for blanching, even so-called self-blanching varieties needing the cool, moist soil to render the stalks crisp and tender, but this should not be done until a few weeks before harvesting.

Golden Plume. A yellow celery. It is especially recommended for the home garden on account of its hardness, easiness to blanch and its fine quality. Pkt. 10c; ½ oz. 30c; 1 oz. 50c.

White Plume. Most popular with white stalks and leaves. Does not require so much banking up for blanching as the other kinds. Pkt. 10c; ½ oz. 30c; 1 oz. 50c.

Utah or Golden Crisp. A late celery that has come into favor during recent years. The plants are sturdy, compact and solid. Stems broad, thick and well rounded, flavor rich and nutty. Pkt. 10c; ½ oz. 30; 1 oz. 50c.

Celtuce

The plant begins its growth like lettuce, when the green leaves may be used in salads. Later the seed stalk elongates, becoming 18 inches and 1½ inches in diameter. This stalk is tender, pale translucent green in color, very succulent, with a flavor like that of celery and lettuce deliciously blended. Sow the seed as early as possible in the spring, covering only lightly in rows 18 inches or more apart. Thin or transplant to stand at least 10 inches apart. Per Pkt. 10c; 1 oz. 60c.

Cress or Pepper Grass

Upland. Leaves and flavor resemble water cress, but grows in a dry soil on uplands. Pkt. 10c.

VEGETABLE PLANTS

Listed on Page 10

CLOVERS AND GRASSES

WE SELL ONLY EXTRA FANCY AND BLUE TAG GRASS SEED — THE BEST AVAILABLE

Variety	Uses	Kind of Soil	Lbs. Per Acre	Postpaid 1st to 3rd Zones PRICE PER POUND		
				1 lb.	5 lbs.	50 lbs.
Alfalfa, Common	Green feed, hay	Well drained	12-15 Drilled	75c	66c	64c
Alfalfa, Grimm Blue Tag	Green feed, hay	Well drained	18-20 Broadcast	96c	87c	85c
Alsike Clover	Hay and pasture	Average soil	20-30 Broadcast	68c	59c	57c
Alfa Fescue	Pasture and hay	Average	20-30—Pasture	87c	78c	76c
Creeping Red Fescue	Lawns and pasture	Average to dry	1 lb.—300 sq. ft. lawn	99c	90c	88c
Creeping Bent Grass	Lawns	Average to wet	1 lb.—300 sq. ft. lawn	\$1.30	\$1.21	\$1.19
Kentucky Blue Grass	Lawns, permanent pasture	Average	20-30—Pasture	\$1.07	98c	96c
Ladino	Pasture and hay	Average	6-10—Pasture	\$2.25		
Orchard Grass	Pasture	Average	20-30—Pasture	63c	54c	53c
Red Clover, Medium	Pasture and hay	Average	12-15—Pasture	70c	61c	59c
Red Clover, Mammoth	Pasture and hay	Average	12-15—Pasture	77c	68c	66c
Red Top	Pasture and hay	Average to wet	14-18—Pasture	92c	83c	81c
Reed's Canary Grass	Pasture and hay	Only very wet	6-8—Pasture	\$1.19	\$1.10	\$1.08
Rye Grass, Domestic	Pasture and hay	Average	25-30—Pasture	32c	23c	21c
Rye Grass, English	Pasture and hay	Average	25-30—Pasture	38c	29c	27c
Sweet Clover (White)	Wasteland cover	Average to dry	15-20—Pasture	49c	40c	38c
Tall Oat Grass	In mixture only	Average	30-35—Pasture	96c	87c	85c
Timothy	Hay and pasture	Average	10-15—Pasture	42c	33c	31c
White Dutch Clover	Lawns and pasture	Average	5-10—Pasture 1 lb. to 200 sq. ft. lawn	\$1.41	\$1.32	\$1.30

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GRAINS, FORAGE CROPS, SOILING CROPS

Variety	Uses	Kind of Soil	Lbs. Per Acre	Postpaid 1st to 3rd Zones PRICE PER POUND		
				1 lb.	5 lbs.	50 lbs.
Barley, Common	Grain	Average	100	...	11c	09c
Rape, Dwarf Essex	Grain feed	Average	4-5 Drilled; 6-8 Broadcast	40c	31c	29c
Rye, Winter	Grain, green feed	Average	80-100	...	11c	09c
Vetch, Spring	Green or soiling	Average	40-60	30c	21c	19c
Wheat, Spring	Grain	Average	40-60	...	11c	09c
Wheat, Winetr	Grain	Average	75-120	...	11c	09c
Oats, White Seeded	Grain and hay	Average	100-150	...	11c	09c

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

PERENNIAL PASTURE MIXTURE, HIGHLAND

10%.....	Red Clover
5%.....	Alsike Clover
20%.....	English Rye Grass
10%.....	Orchard Grass
20%.....	Italian Rye Grass
15%.....	Timothy
5%.....	Red Top
15%.....	Alta Fescue

We recommend seeding from 20 to 25 lbs. per acre.

PERENNIAL PASTURE MIXTURE, LOWLAND

10%.....	Alsike Clover
6%.....	Red Clover
20%.....	English Rye Grass
9%.....	Red Top
20%.....	Italian Rye Grass
20%.....	Timothy
15%.....	Alta Fescue

We recommend seeding from 20 to 25 lbs. per acre.

5 lbs. to 50 lbs. at 45c per lb.

50 lbs. and over at 44c per lb.



POTATOES

WHITE ROSE and
NETTED GEMS

(Blue Tag Seed)

10 lbs.	\$1.25
25 lbs.	2.75
50 lbs.	5.00

Out of state customers please add 2c per lb.;
except Alaska, 10c per lb.

LAWN GRASS

How to Have a Good Lawn

Spade the ground deeply and see that it is thoroughly pulverized. Work in a good commercial fertilizer. Sheep guano or peat moss will add humus and improve the seed bed. Rake level and water thoroughly so the ground will settle. The seed bed should be allowed to stand for about two weeks, watering from time to time so the weed seeds will sprout.

Roll the ground before seeding, to prevent it from settling unevenly, and then rake the surface lightly. Sow the seed so as to cover it lightly with soil. Roll again so as to press the seed in firmly.

Grass seed will germinate in from 8 to 15 days, according to the weather. If a lawn is made during the summer, the ground should be covered lightly with peat after the seed has been rolled, so as to retain the moisture. New lawns should not be allowed to dry out, not even for a half day. For the first 15 days the lawn should be watered twice a day if necessary. A lawn should be fertilized after the first cutting, and at least twice a year. Water well after applying.

Fancy Lawn Grass

(Contains White Dutch Clover and Only Fine Bladed Grasses)

This mixture is the same fine lawn grass that we have sold for years and contains White Clover in addition to the regular grasses.

Price, per lb. \$1.20; 5 lbs. \$5.75; 10 lbs. for \$11.00.

Premier Lawn Grass

This mixture contains nothing but the best of the fine leaves, non-bunching grasses, such as Creeping Bent, Fescues, etc., and has few superiors for the home law or golf course. Contains no white clover.

Price, per lb. \$1.15; 5 lbs. for \$5.50; 10 lbs. for \$10.50.

Skagit Brand Lawn Grass

We believe that this is the finest mixed lawn grass that is on the market today. Only the best grasses, both as to purity and germination enter into it. A wonderful lawn grass for those who demand the best.

Price, per lb. \$1.25; 5 lbs. for \$6.00; 10 lbs. for \$11.50.

Economy Lawn Grass

(Contains English Rye Grass)

A low priced lawn grass mixture that will give excellent results. It does not contain as many fine leaved grasses as the Premier or Skagit Brands, but will stand abuse equally well. It does not contain any Creeping Bent grass and for that reason does not require much moisture or care.

Price, per lb. 85c; 5 lbs. for \$4.00; 10 lbs. for \$7.50.

WE USE ONLY EXTRA FANCY AND BLUE TAG GRASS SEED IN ALL OUR LAWN MIXTURES — 99.99% WEED FREE

VIGORO

Complete Plant Food

A PRODUCT OF SWIFT & COMPANY

The
Square
Meal



for
All
Plants

Feed Lawns in early spring and again in fall. Feed flowers and vegetables when you plant them, and at regular intervals throughout the growing season feed them VIGORO.

Prices—

5 lb. bag, \$.65 25 lb. bag, \$2.00
10 lb. bag, \$1.05

SEMESAN

Seed Treatment with
IMPROVES STANDS
REDUCES DAMPING-OFF
INCREASES YIELDS

Vegetable losses caused by damping-off (rotting of the seedling stem near the soil level) can be prevented or greatly reduced by treating seed with SEMESAN in either dust or liquid form, and by occasionally spraying liquid SEMESAN on the seed beds.

SEMESAN generally increases germination; usually improves and increases vegetable yields. Costs little to use.

Price: 1/3 oz. 25c; 2 oz. 60c; 12 oz. \$2.40

"SEMESAN BEL"

POTATOES

Reduces seed piece decay—check losses from Rhizoctonia and scab—and you will cut potato costs and get more profit. Convincing tests and use on many farms shows that quick dip seed treatment with improved "SEMESAN BEL" is the best way to these results!

No soaking. No time wasted. And very low cost—one pound treats 60 to 80 bushels. Yields increased an average of 13.6 per cent in tests.

Price: 2 oz. 50c; 1 lb. \$2.00

Ask for free Potato Pamphlet

"CERESAN"

WHEAT, OATS, BARLEY

New Improved "CERESAN" is unusually effective for controlling but or stinking smut of wheat, loose and covered smut of oats, covered smut and stripe of barley, and seedling blight caused by seed-borne scab. It costs but 1-7/8 to 2 1/2 cents a bushel of seed. Is easily and quickly applied.

Price: 4 oz. 45c; 1 lb. \$1.00

SOIL CONDITIONERS

Agricultural Sulphur

This is 100% pure sulphur but not ground so fine as dusting sulphur, and is used for applying directly in the soil at planting time, sometimes directly in the rows with the seed, both as a soil conditioner and as a fungicide for protection against certain seed and plant diseases.

Prices: 1 lb. 25c; 5 lbs. 75c; 10 lbs. \$1.35

Agricultural Lime

A good grade of Lime for use as a soil conditioner for acid soils. It may also be used for many other purposes around the farm, such as in poultry houses as well as for dusting for insects when mixed with such things as Arsenate of Lead or Calcium.

Prices, postpaid, in 1st and 2nd zones: 5 lbs. or over at 10c per lb.; 25 lbs. or over at 9c per lb.

Bumper Crop Gypsum

A powerful form of Agricultural Gypsum for dusting as well as many other uses around the farm or poultry house. Increases crops on acid soil and makes plant food available.

Prices, postpaid, in 1st and 2nd zones: 5 lbs. or over at 10c per lb.; 25 lbs. or over at 9c per lb.

Napthalene

A powerful non-poisonous soil disinfectant used for the control of wire worms, cut worms, and many other garden pests. Also as an aid in protecting plant beds from root maggots that attack cabbage, cauliflower and similar plants.

Prices, postpaid: 1 1/2 lbs. 40c

Inoculate all Legume Seeds with

NITRAGIN

1898—FIFTY-THREE YEARS OF SERVICE—1951

When ordering, Always state name of seed.

COMBINATION (AB)

Size	Retail
1 bu. each.....	\$.50
2 bu. each90

ALFALFA (A)

Sweet, Bur, Hubam Clovers
1 bu. each\$.50

CLOVERS (B)

Red, Alsike, Crimson, White and Ladino.
1 bu. each\$.50

LESPEDEZA (L)

100 lb. size (Inoculates up to 100 lbs.) ea.....\$.50

PEAS, (C)

VETCHES (All Varieties)
100 lb. size (Inoculates up to 100 lbs.) ea.....\$.50

GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans
Enough for 8 lbs. seed — Retail Price 15c each

SOYBEANS (S)

Size	Retail
2 bu. each	\$.35
5 bu. each55
25 bu. (One can)	2.50

BEANS (D)

Navy, Pinto, Wax, String, Kidney and Great Northern
1 bu. each.....\$.50

PEANUTS, COW PEAS (E)

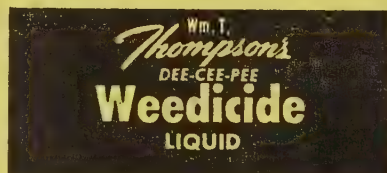
2 bu. each	\$.35
5 bu. each55



CYCLONE SEED SOWER

Machine is designed with extra heavy gears and brass bushed bearings for hard service and long wear.

Postpaid \$4.25



COMPLETELY DESTROYS

Bindweed (Wild Morning Glory), Poison Ivy, Poison Oak, Canada Thistle, Jap Honeysuckle, and many other noxious pests.

A selective herbicide—non-inflammable—non-corrosive—non-staining—Relative low toxicity. Easy to use in hand or tank spray. \$1.00 treats 2720 sq. ft. \$2.75 treats one quarter acre. \$10 treats 1 acre. Also available in larger sizes and in tablet, powder and special concentrate liquid form.

TOMATO BLOOM-SET AT RATIONAL PRICES

FIX "sets" blossoms as they appear, even the fragile early blooms. This means your tomato crop will be:

- 20% to 30% greater
- Earlier, larger, firmer
- More flavorful
- Seedless, more edible

Spray FIX early and late, as plants continue to flower. May also be used for cucumbers, melons, and squash. FIX sets holly and other berries.



\$1 for 100 tablets—makes 100 QUARTS
25c for 20 tablets—makes 20 QUARTS
Also larger sizes.

Cucumber

1 oz. to 100 ft., 3 to 4 lbs. per acre

Culture. Sow in warm loamy soil, enriched with well rotted manure if possible, when weather becomes settled and warm, usually after May 1. Thin to 4 to 5 plants to a hill. For pickles sow from the middle of June to middle of July. Water freely.

Long Green Improved. This is undoubtedly the best variety of cucumber for all uses grown. It produces an abundance of fruit and is unsurpassed either for market gardening or for the home garden. Pkt. 10c; oz. 25c; ¼ lb. 60c.

Straight 8. (All-America Gold Medal Award.) This outstanding variety produces smooth cylindrical fruits about eight inches in length and about 1½ inches in diameter. Fruits well rounded at the end and free from objectionable striping or tipping. Equally fine for shipping or for home use. Pkt. 10c; oz. 25c; ¼ lb. 60c.

Improved White Spine. This is one of the best sorts for early table use, as it will mature fruits a little earlier than the Long Green. Fruits usually straight and light green in color. Pkt. 10c; oz. 25c; ¼ lb. 60c.

Lemon Cucumber. A dainty little cucumber resembling a lemon in size and shape. Its flavor, which differs somewhat from other varieties, makes it fine either for slicing or for salads. Pkt. 10c; oz. 25c; ¼ lb. 60c.

National Pickling. Ideal for pickling. Fruit deep green, very straight and exceptionally fine for small pickles. About 6 inches long and 2½ inches around. Pkt. 10c; oz. 25c; ¼ lb. 60c.

Small Gherkin (for Pickles). While this is not a true cucumber. It is grown and used in a similar manner. It is very prolific, with pale green spines over the entire surface of the fruits. Pkt. 15c; oz. 35c.

Boston Pickling. This is a very productive variety and one of the most popular kinds used in pickling. The fruits are of medium size, very smooth and bright green in color. The flesh is crisp and tender. Pkt. 10c; oz. 25c; ¼ lb. 60c.

NEW HYBRID CUCUMBER Early Surecrop

60 days. High resistance to mosaic and downy mildew are the outstanding attributes of this true first generation hybrid slicing type cucumber. Fruit 8 in. long and 2½ in. wide. Outyields any ordinary cucumber and produces much longer. Pkt. 25c.



EARLY SURECROP HYBRID CUCUMBER

SWEET CORN

8 oz. to 100 ft., 10 to 14 lbs. per acre

Culture. Plant in rich, warm soil, in hills 2 to 3 feet apart, in rows 3 feet apart for early kinds and 4 feet apart for late sorts. Make first sowing about the middle of May and continue fortnightly up to about the middle of July.

Prices—On all Sweet Corn except where noted: Pkt. 10c; ½ lb. 25c; 1 lb. 45c; 5 lbs. @ 42c; 10 lbs. @ 41c; 25 lbs. @ 40c.

Golden Bantam. 78 days. This is the finest and best sweet corn grown. As a market corn it has no superior. The cobs are medium sized, the kernels yellow, plump and of a flavor that has no equal.

Golden Midget. A miniature sweet corn that has found a place for the gardener with limited space. Grows 2½ to 3 feet tall, bearing several ears 4 to 5 inches long at the cooking stage. The quality is good and it matures very early. Pkt. 20c; ½ lb. 35c.

Improved Golden Bantam. 74 days. The kernels are deep rich golden yellow, set close on the cob, nearly all of which are twelve rowed and somewhat larger than regular Golden Bantam. The quality and flavor are unsurpassed. Fine for either home or market.

Golden Early Market. 68 days. It is a cross between Early Market and Golden Bantam and combines the good qualities of both parents. The ears are 14 to 15 rowed and the color a creamy yellow of fine flavor. It is very sweet and tender. A very fine corn either for the home garden or for market.

Early Market. 60 days. This is undoubtedly the finest extra early white corn on the market. It was originated in the Northwest several years ago. The ear is large, the kernel plump and sweet, and of purest white.

Hybrid Sweet Corn

Prices—On all hybrid sweet corn: Pkt. 15c; ½ lb. 30c; 1 lb. 50c; 5 lbs. or over @ 47c lb.

Carmel Cross. 74 days. This fine hybrid sweet corn is about five days later than Marcross. The plant is taller than Marcross and the yield is greater. The tender kernels are of fine flavor with from 14 to 16 rows per ear.

Golden Cross Bantam. 88 days. A variety which on account of its large ear, being 10 to 14 rowed, is well adapted to home, market or canners' use. The kernels are of medium width and depth and slightly lighter in color than Golden Bantam. The flavor is similar but the yield somewhat heavier and later, as well as maturing more nearly even than other sorts.

Marcross. 76 days. Stalks short but sturdy, highly resistant to bacterial wilt. Ears long, plump, abruptly tapered at tips; 10-14 rowed, with light cream-yellow medium-broad kernels of good quality.



GOLDEN CROSS BANTAM

Pop Corn

6 oz. to 100 ft., 6 to 8 lbs. per acre

Tom Thumb. Also called Japanese Hulless. This variety is somewhat earlier than the Tom Thumb when properly cured will pop the largest per cent of kernels of any pop corn. Pkt. 10c; ½ lb. 35c; 1 lb. 45c; 5 lbs. \$2.10.

Fodder Corn

Prices postpaid: 1 lb. @ 30c; 10 lbs @ 21c per lb.; 50 lbs. @ 20c per lb.

Early Northwestern, Smoky Dent. The kernel is red, being a cross between a red flint and a yellow dent.

Minnesota No. 13, Dent. This corn is the earliest and most productive of all yellow dent corn.

Oregon Hybrid 525. 90 days. Adapted to various corn growing sections of the Pacific Northwest. It will outyield other varieties by as much as 20 to 40 per cent. The stalks and leaves remain green until the ear is ripe. It will withstand wind storms better because of strong root development. Oregon 525 is recommended for grain and silage. 1 lb. 35c; 10 lbs. at 28c; 50 lbs. at 27c.

Egg Plant

1 oz. to 100 ft., 3 to 4 lbs. per acre

Culture. Sow in mild heat, about the middle of March, and transplant on June 1, setting the plants 2½ feet apart.

Black Beauty. An early variety with glossy black-purple fruits that keep well. Pkt. 15c. oz. 60c.

Endive

1 oz. to 100 ft., 4 to 5 lbs. per acre

Full Heart Matavian. Crispness and tenderness make this endive unexcelled for salads. The broad leaves, twisted and waved, are of bright green with mid-ribs nearly white; the inner leaves form a fairly solid cluster which blanches to deep creamy white. Pkt. 10c; oz. 25c.

LETTUCE

Culture. Sow the seed in hotbeds during February until the middle of March, afterward pricking off into flats or coldframes, leaving about 6 to 8 inches between the plants. As soon as weather becomes suitable, transfer to open ground and set out in rows 1 foot apart, leaving 9 inches between the plants in the rows.

½ oz. to 100 ft., 3 lbs. per acre

Big Boston. Very large, smooth leaved, solid-heading variety. It is congenial to all climates, a good shipper. In flavor it probably excels other smooth-leaved varieties. Pkt. 10c; oz. 25c; ¼ lb. 75c.

Black Seed Simpson. Large, early; very nice and desirable; slow to run to seed; tender a long time. Pkt. 10c; oz. 25c; ¼ lb. 75c.

Early Prize Head Brown. Large leaves tinged with brownish red; very tender, crisp and sweet, forming a large, loose head. Pkt. 10c; oz. 25c; ¼ lb. 75c.

Grand Rapids. This is the kind of lettuce that is generally used for growing under glass in winter. Pkt. 10c; oz. 25c; lb. 75c.

Great Lakes. A sure heading variety, dependable for summer production. Leaves large, thick, glossy and well folded; ribs heavy. Slow to bolt to seed and considerable resistance to tipburn. Pkt. 15c; oz. 40c; ¼ lb. \$1.20.

Hanson. One of the very best. Large heads, sweet and crisp. If you want your lettuce to head, plant this kind and thin out, or transplant to several inches apart. Pkt. 10c; oz. 25c; ¼ lb. 75c.

New York or Los Angeles. This wonderful variety of lettuce is undoubtedly one of the finest, both for the market and for the home garden. It forms a large, tight, crisp head. The outer leaves are dark green and frilled at the edges, while the inner leaves are very tender and beautifully blanched. Pkt. 10c; oz. 25c; ¼ lb. 75c.

CHICKEN LETTUCE

Chicken Lettuce. This is a rough, rank growing variety of lettuce that has no head but produces a large bunch of leaves. For this reason it is an ideal source of green feed for chickens. Pkt. 10c; oz. 25c; ¼ lb. 60c; 1 lb. \$1.80.

COS or ROMAINE LETTUCE

White Paris. This kind of lettuce is distinguished by its long, narrow, spoon-shaped leaves, folding into loose, sugar-loaf shaped heads which blanch better by having the outer leaves drawn about them and tied. The quality is distinct from that of the Cabbage Lettuces and by many is considered very superior. Pkt. 10c; oz. 25c; ¼ lb. 75c.

Leek

½ oz. to 100 ft., 4 lbs. per acre

Large American Flag. This vegetable belongs to the onion family and is a good fall and winter substitute for green onions. It is very fine for flavoring soup and other cooking. The leaves are flat and the stems large and bulbous. Pkt. 10c; oz. 60c.

Mustard

½ oz. to 100 ft., 4 lbs. per acre

Culture. Seed may be sown from early Spring to midsummer in rows 18 inches apart. Thin to 5 or 6 inches apart in the rows. The plants are in condition for use as soon as the leaves are the size of one's hand. Mustard runs to seed quickly, so that successive plantings are necessary for a continuous supply.

Giant Southern Curled. This variety grows about three feet tall. The broad leaves are cut and frilled. They are boiled and used as greens. Pkt. 10c; oz. 25c; ¼ lb. 75c.



DWARF CURLED SCOTCH KALE

Kale or Borecole

1 oz. to 100 ft., 4 to 5 lbs. per acre

Culture. The culture is practically the same as that of late Cabbage, but as the plants will withstand several degrees of frost they can grow late into the Fall. Many think Kale best after the first heavy frost.

Green Curled. The plants of this variety are two to four feet in height and bear an abundance of long plume-like leaves. The leaf edges are deeply cut and very curly. Pkt. 10c; oz. 35c.

Dwarf Curled Scotch. A finely curled low growing and hardy variety, well adapted for making greens. Pkt. 10c; oz. 35c.

Thousand Headed or Cow Kale. It is a very hardy plant which grows in many cases, well over four feet in height, while the central stalk produces an abundance of long, broad leaves which are of great value as a green winter feed. Many poultrymen use it almost exclusively as a source of green feed during the winter. Pkt. 10c; oz. 25c; ¼ lb. 60c; 1 lb. \$1.50.

Kohl Rabi

½ oz. to 100 ft., 4 to 5 lbs. per acre

Culture. The delicious flavor of this turnip shaped bulb combines both Cabbage and Turnip. As early in Spring as possible, sow the seed in light rich soil in rows 1½ feet apart. When plants are well established, thin to 6 inches apart.

White Vienna or Large White. Bulb large, white and skin smooth. Very fine flavor and an excellent keeper. Pkt. 10c; oz. 50c.



WHITE VIENNA KOHL RABI



GREAT LAKES LETTUCE

Muskmelons

1 oz. to 100 ft., 3 to 4 lbs. per acre

Culture. In sections where the Summers are short, seed can be planted indoors or in hot beds in small boxes. The young plants can be transferred to the garden when danger of frost is past. The rows should be at least 6 feet apart and the hills 3 feet apart.

Lake Champlain (Skagit Golden). This is the earliest muskmelon that we have ever seen and while muskmelons are not always satisfactory in Western Washington we believe that Skagit Golden will give good results. If you have a warm early soil you will be delighted with this fine melon. The flesh is medium thick, sweet and juicy and of a rich salmon orange color. Pkt. 10c; oz. 35c.

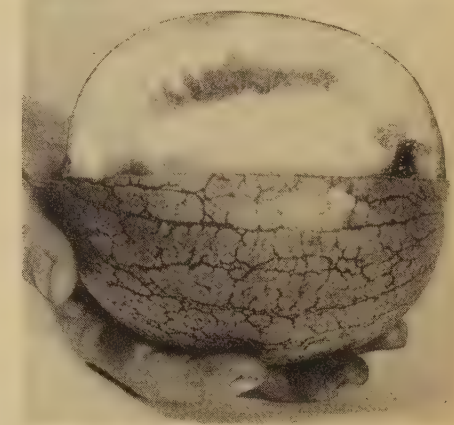
Watermelons

1 oz. to 100 ft., 3 to 4 lbs. per acre

Culture. Rich rather sandy soils produce the finest crops of Watermelons, but a well-drained loam, especially with a southern exposure, is also suitable. Place 6 to 8 seeds in a circle in each hill, and cover ½ inch deep with a fine soil. One ounce will plant 20 to 25 hills.

Early Arizona (Skagit Gem). Medium small, oval, flesh pink and of excellent flavor. Our own trials have proven this to be the earliest watermelon for the Puget Sound area we have seen. Pkt. 10c; oz. 35c.

New Hampshire Midget (Gold Medal Winner). (65 days.) Early and prolific, up to 6 inches through and weighing 6 lbs. Rind very thin. Flesh strawberry red and of excellent flavor. Vines small. Pkt. 25c.



NEW HAMPSHIRE MIDGET WATERMELON



SWEET SPANISH ONION

Onion Seeds

½ oz. to 100 ft., 3 to 4 lbs. per acre

Culture. As early as soil can be worked in Spring, sow the seeds thinly in drills 1 foot apart, and cover lightly, later thinning out to about 6 inches apart in the row. The soil must be well fertilized and be made very friable. In hot weather, water frequently.

Pkt. 10c; oz. 60c; ¼ lb. \$2.00; 1 lb. \$7.00

Yellow Globe Danvers. A great favorite. Round, large; yields heavy; early to ripen and a good keeper; best kind for Puget Sound. All onion growers like it.

Sweet Spanish. A very large, globe shaped, yellow onion. In flavor it is very mild and sweet and it has good, firm meat of tender texture. It is one of the best for the home garden, and also for the early market. Planted at the proper time, and well cured it is a good keeper.

Crystal Wax Bermuda. An early pure white onion. Much in demand on account of its mild sweet flavor. Fine as green table onion or for cooking in the fall. Not a very good keeper for winter use.

Southport Red Globe. This variety of red onion has proven superior to all other red onions in recent years. Globe shape, flesh mild, fine grained, tender and of excellent flavor.

White Bunching. A variety of onion that is grown exclusively as a pulling onion or "Scallion." Generally pulled when not much larger than a lead pencil when they will be found extremely mild and sweet.

White Queen. This is the best onion for small pickles. It is one of the earliest onions grown. The bulbs average 1½ inches in diameter and are pure white and very mild in flavor. They are also unsurpassed for very early table use.

ONION PLANTS

(See page 10 under Vegetable Plants)



MOSS CURLED PARSLEY

PEAS

1½ lbs. to 100 ft., 90 to 180 lbs. per acre

Culture. For first crop, round-seeded Peas should be sown in the open ground as soon as it is fit to be worked; wrinkled varieties should be planted 2 to 3 weeks later. Frequent planting for succession, and a careful selection of varieties will give an almost continuous crop of Peas from June until frost. Sow Peas in rows 3 feet apart and 1 to 2 inches deep.

Prices—On all Peas: Pkt. 10c; ½ lb. 25c; 1 lb. 45c; 5 lbs @ 42c; 10 lbs. @ 41c.

Early Varieties

Alaska or First of All. 58 days. Earliest of all, and best of the hard, smooth, round peas, which can be planted very early, as they are not so liable to rot in the ground as the wrinkled peas. Three feet tall.

American Wonder. 63 days. Earliest of the dwarfed wrinkled peas. Does not need bushing. Large peas and pods and prolific; quality extra good. Do not plant it while the ground is cold and wet. 12 to 14 inches.

Laxton's Progress. 64 days. A market, shipping and home garden variety of great merit. It grows a vine 18 to 20 inches high. The pods are dark green and about 4½ inches long. Very sweet and fine flavor.

Laxtonian. 65 days. One of the earliest dwarf varieties. It is very hardy and produces abundantly. The pods are dark green and generally about 4 inches long. The peas are usually 7 to 10 in number and of large size and very delicious flavor. 20 inches.

Early Giant (Skagit Giant). 66 days. This splendid new early pea is among the finest of the giant podded sorts developed in recent years. The vines are dark green and heavy, growing from 24 to 30 inches in height. The pods are 4½ to 5 inches long, dark green and borne in abundance.

Gradus. 65 days. This variety combines the finest quality with extreme earliness and is also well known for its productiveness. The vines, which are very vigorous and healthy, produce an abundance of pods that rival the pods of the Telephone in size. The peas are large, tender and very delicious in taste. Height, 36 to 40 inches.

Parsley

½ oz. to 100 ft., 3 to 4 lbs. per acre

Culture. It grows best in rich mellow soil and should be sown as early as possible in spring in rows 1 to 2 feet apart with a covering of not more than ½ inch of soil firmly pressed down. When the plants are well up, thin them 8 to 12 inches apart.

Champion Moss Curled. The most beautiful kind for garnishing or flavoring. Can be cut fresh from the garden all winter. **Pkt. 10c; oz. 25c; ¼ lb. 60c.**

Hamburg or Turnip Rooted. The root of this variety is the edible portion and resembles a small turnip. It is extensively used for flavoring soup, stews, etc. **Pkt. 10c; oz. 25c; ¼ lb. 60c.**

Okra or Gumbo

1 oz. to 100 ft., 8 to 10 lbs. per acre

Early Dwarf Green. An early sort which remains in condition for use a long time. Pods long fluted and dark green. **Pkt. 10c; oz. 25c.**



LAXTONIAN PEA

Late Varieties

Tall Telephone (Alderman Strain). 72 days. The finest main crop pea for the home or market gardener. The vines which are four or five feet tall, bear an abundance of extra long pods filled with large sugary peas of fine flavor.

Dwarf Telephone. 74 days. Half dwarf with vigorous vines, producing an abundance of very large pods, filled with immense peas, which are tender and sweet and of excellent flavor.

Freezonian. 63 days. 2½ feet tall with pods 3½ inches long. The plants are wilt resistant and have proven to be one of the very best peas for freezing, and home gardens.

Melting Sugar or Edible Pod. 84 days. This variety is grown chiefly for its large, flat brittle pods rather than the peas. These are sweet and are cut or broken and cooked similar to string beans.

For Pea Weevil use Pest-B-Gon or ISOTOX. Refer to Page 37.

Parsnips

1 oz. to 100 ft., 3 to 4 lbs. per acre

Culture. Sow the seed as soon as season will permit, in drills about 2 feet apart, and thin plants out to 1 foot apart in the row. The ground should be deeply trenched and well manured.

Long White. Large, smooth, sweet, the standard kind; grown from especially selected smooth roots. **Pkt. 10c; oz. 25c; ¼ lb. 60c; 1 lb. \$1.75.**



LONG WHITE PARSNIP



SWEET or SUGAR PUMPKIN

Pumpkins

4 oz. to 100 ft., 3 to 4 lbs. per acre

Culture. Pumpkins are typically American, and Pumpkin pie is one of our truly American dishes. They are less sensitive to unfavorable conditions of soil and weather than Melons or Cucumbers, but they are cultivated in about the same way.

Sweet or Sugar. A small, fine grained pumpkin that is unexcelled for cooking or pies. It is very early and prolific. A good market sort. Pkt. 10c; oz. 25c; ¼ lb. 60c; 1 lb. \$1.80.

Winter Luxury. A good keeper and a very good pie pumpkin. It is round, the skin is netted and russet yellow. Flesh is deep yellow. Pkt. 10c; oz. 25c; ¼ lb. 60c; 1 lb. \$1.80.

King of Mammoths. This is the largest pumpkin grown. The skin is rich dark yellow, the flesh lighter shade and of excellent quality, good flavor and suitable for pies. Pkt. 10c; oz. 25c; ¼ lb. 60c; 1 lb. \$1.80.

Peppers

¼ oz. to 100 ft., 1 to 2 lbs. per acre

Culture. Soil and temperature requirements are about the same as for Eggplant. A moderate dressing of Guano, poultry manure, or complete commercial fertilizer, hoed into the soil after the plants are 6 to 8 inches tall, will be very beneficial.

Harris' Early Giant. This is the largest and best of the early sorts. It is the best adapted for use in the Northwest that we know about. Seven to ten fine large fruits are usually produced on each plant. Pkt. 10c; oz. 60c.

Large Bell or Bull Nose. This is the earliest pepper of the "bell" type. The fruits are larger and a little later than the Harris' Early. The fruits are also more pungent and produced in greater abundance. Pkt. 10c; oz. 60c.

Pimento. A very mild, sweet variety of Pepper that is in great demand for salad making. It is easily canned for home use. Pkt. 10c; oz. 60c.

Rhubarb

1 oz. to 100 ft., 3 lbs. per acre

Victoria. Is very large, standard kind, seeds sown this year will yield stalks next year. Pkt. 10c; oz. 25c; ¼ lb. 95c.

Rutabagas

1 oz. to 100 ft., 2 to 4 lbs. per acre

Culture. The culture is the same as for common Turnip, but if anything, less exacting in care.

American Purple Top. This is the best rutabaga for table use. The flesh is very firm. Pkt. 10c; oz. 25c; ¼ lb. 45c.

White French. A large, white market variety; sweet, smooth and solid. Good winter keeper. Pkt. 10c; oz. 25c; ¼ lb. 45c.

Radishes

1 oz. to 100 ft., 10 to 12 lbs. per acre

Culture. For an early crop, sow in hotbed in January, February and March. As soon as ground is fit to be worked, sow seed in the open, in rows 1 foot apart.

Prices on All Radishes: Pkt. 10c; oz. 25c; ¼ lb. 50c; 1 lb. \$1.50.

Crimson Giant. It grows nearly twice as large as any of the other round radishes before becoming pithy. The flesh is mild and of excellent flavor.

Comet. Brightest colored of the bunching or table radishes. Globe shaped. Suitable for use when ¾ to ¾ inches, but becomes much larger without growing pithy. Under average conditions ready for use 25 days after planting.

Early Scarlet Globe. This is one of the best radishes on the market. It is oval in shape and a bright rich scarlet in color, the flesh is crisp, tender, juicy and mild.

French Breakfast. Small, oval form, quick growing, mild and tender. Color scarlet, tipped with white.

Rosy Gem. One of the most popular and attractive short varieties. Globe shaped, bright red carmine, with bottom and tip clear white.

Long Bright Scarlet. A beautiful new radish. It grows very quickly and is as good as it is pretty.

White Icicle. This radish is also called the Long White. This is the finest of the long white radishes. It is very juicy, crisp and tender.

Chinese White Winter or Celestial. Popular and well known winter variety. The half stump-roots are clear white and the flesh is the most crystalline of all winter varieties. The roots may be used all winter as they keep in fine condition.

China Rose Winter. Best for winter use. Long, solid and tender.



COMET RADISH

Salsify

1½ oz. to 100 ft., 7 to 8 lbs. per acre

Culture. Salsify succeeds best in a light, well enriched soil which should be stirred to a good depth. Sow early and quite deep, giving the general culture recommended for Parsnips.

White French. A white carrot-shaped root that makes delicious soup, resembling oysters in flavor, easy to grow; good all winter and late in spring; can be left in the ground all winter. Try it. Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

Swiss Chard

1 oz. to 100 ft., 6 to 10 lbs. per acre

Lucullus. A variety of beet grown exclusively for its large, juicy, tender, light colored leaves and leaf stalks, which are much superior to those of other beets for use as greens. Swiss Chard is also greatly relished by chickens. Pkt. 10c; oz. 25c; ¼ lb. 50c; ½ lb. 80c; 1 lb. \$1.50.

Rhubarb Chard. A new Swiss Chard that looks like Rhubarb. The leaf stalks are bright but delicate, translucent crimson; the rich color extends out through the veins into the dark green, heavily crumpled leaves. Different, tasty, delicious flavor. Pkt. 15c; oz. 40c.



BLOOMSDALE SAVOY SPINACH

Spinach

1½ oz. to 100 ft., 10 to 20 lbs. per acre

Culture. Sow in rows 16 to 20 inches apart and thin to 6 inches apart in the row when leaves are an inch wide. In the North, seed can be planted as soon as the ground can be prepared.

Prices on all varieties: Pkt. 10c; oz. 25c; ¼ lb. 45c; 1 lb. \$1.25.

Bloomsdale Savoy. Leaves thick, heavy and much savoyed or crumpled. Quality fine and yield is very good.

Improved Thick Leaved. This variety grows very rapidly and forms a cluster of large slightly crumpled leaves of deep green color.

King of Denmark. The finest variety introduced in recent years. The leaves resemble Long Standing, but are more crumpled and dark green. This variety generally stays in good condition a week or two longer than any other kind.

Prickly Winter. This is one of the best of the market varieties owing to its extreme hardness. It bears many large, smooth, arrow-pointed leaves. As a winter or very early variety it is unsurpassed.

New Zealand. A very productive variety that will stand repeated cuttings during the hot, dry weather of summer. It grows well on land that is too poor to grow common spinach. The seed of this variety is large and very hard and should be soaked in water for several hours before planting.

Sunflower

Mammoth Russian. Sunflower was at one time raised extensively for poultry food and while still used to some extent it finds its main use as a stock food. Pkt. 10c; ¼ lb. 25c; 1 lb. 60c; 5 lbs. @ 50c per lb.

Squash

Vining, 1 oz. to 100 ft., 4 lbs. per acre
Bush, 1 oz. to 100 ft., 4 to 6 lbs. per acre

Culture. Seeds should be planted about the middle of May, in hills 4 feet apart for bush varieties, and 10 feet apart for the running sorts. Put 12 to 15 seeds in each hill; afterward thin out, leaving 3 or 4 of the best plants.

Prices on all Squash, except where noted:
Pkt. 10c; oz. 25c; ¼ lb. 65c; 1 lb. \$2.25.

Green Hubbard. The skin is dark green and rough. The flesh is thick orange colored and very excellent in quality. For many years it has been one of the standard market sorts and probably will remain one of the biggest sellers of any squash.

Golden Hubbard. Orange red Hubbard type but earlier and smaller. Very fine quality.

Marblehead. This is one of the best of the commercial sorts. It resembles the Green Hubbard somewhat in size and shape. The color is a bluish-gray and the flesh bright creamy yellow; fine grained, dry, sweet, and a delightful flavor. An excellent keeper for winter use.

Royal Acorn (Table Queen). A recent selection out of Table Queen. Average 2 to 3 inches longer and an inch broader than the original strain. Fruits 7 inches long and 6 inches in diameter, dull green. Excellent keeper. For best baking quality fruits should be left to mature until shell is hard.



ACORN SQUASH

Large Summer Crookneck. An excellent kind for family use or for market. Fine buttery flavor, prolific and large.

Uconn. Is a bush type acorn squash, which is slightly earlier than the regular Table Queen. Fruit are comparable in shape to Table Queen, but slightly smaller; skin is dark green. The shell is hard and interior similar to Table Queen in color. Pkt. 15c; oz. 35c.

Zucchini (Italian Squash). This is one of the earliest of all summer squashes. It may be eaten when only 6 to 8 inches long, but is good much larger. The young fruits are delicious fried as well as cooked in other ways.



ZUCCHINI SQUASH, BLACK

Banana. A smooth grayish-green squash about 2 feet in length. The quality and flavor are good. As a keeper it has few superiors.

Buttercup. A recently developed squash of outstanding merit. Unique urban shaped fruits 6 to 8 inches in diameter, slightly ribbed, deep full green. Flesh deep golden yellow and fine grained. Very dry and pleasing flavor when cooked. Pkt. 15c; oz. 35c.

Golden Delicious. Flesh and skin are rich golden orange with no trace of green. Flesh is very thick, fine grained and sweet. Skin is thin and the keeping qualities are excellent. An ideal canning sort as well as a heavy cropper.

TOMATOES

Early Varieties for the Northwest

Culture. Sow tomato seed in a hot bed or in a shallow box in the house, allowing 6 to 8 weeks to produce plants large enough for setting outdoors when the weather becomes warm. Sow in rows 3 in. apart and cover with ¼ in. of soil. When plants are about 2 in. tall, transplant to stand 4 in. apart each way, or pot singly in 3 in. pots. Plant outdoors when all danger of frost is past. Plant in rows 4 ft. apart and 3 or 4 ft. apart in the row. A pkt. of seed will produce about 200 plants and 1 oz. 2000 plants.

Break o' Day. This is the finest tomato we have ever raised and among the earliest. The fruits are large, smooth and firm. The quality is excellent, flesh thick and meaty. Vines are open which permits ripening of the fruits. Pkt. 10c; ½ oz. 35c; oz. 65c; ¼ lb. \$1.75.

Earliana. An early and very prolific medium-sized bright scarlet tomato of great solidity and fine flavor. Vines vigorous and hardy, yielding and ripening well for use. Pkt. 10c; ½ oz. 35c; oz. 65c; ¼ lb. \$1.75.

Early Chatham. A very early small vine variety bred especially for our Northwest climate. The vine is small and open. The fruit is of medium size, red, smooth and prolific. This is the earliest tomato we have ever grown. Sold in packets only. Pkt. 15c.

Jubilee is a new orange yellow tomato that compares favorably with the best of the standard red varieties in shape, smoothness, quality and solidity. Fruits are large, bright golden orange, globular, heavy, full flavored and are really delicious. Pkt. 15c; ½ oz. 60c; 1 oz. \$1.00.



YELLOW PEAR TOMATO



BREAK O' DAY TOMATO

Scarlet Dawn (All America Gold Medal Winner). In our trials it was not only early, but seemed to be exceptionally robust in growth. The fruits medium large, thick walled, globular, smooth and bright scarlet ripening clear to the stem. Pkt. 10c; ½ oz. 35c; oz. 65c.

Stokesdale. This is an outstanding variety, and is well adapted to our Northwest climate. The fruit is medium large, smooth, almost globe-shaped, with solid flesh of fine flavor. Color is bright scarlet throughout. Pkt. 10c; ½ oz. 35c; oz. 65c.

Victor. First early, heavy cropping tomato with fruit the size and shape of a mid-season variety. Developed especially for the Northern States. Fruit is scarlet, semi-globular, fairly smooth and refined. Plants are small and may be set about two feet apart. Pkt. 10c; ½ oz. 35c; oz. 65c.

Wasatch Beauty. A new variety of great promise. Particularly adapted for the Pacific Coast. Medium early, plants medium size, compact, fairly broad, medium green foliage. Fruits moderately large, smooth fine color and quality. Walls are thick, free of heavy core and coarse fiber. Pkt. 25c.

Red Pear. Used for preserves and to make "tomato figs." Fruits bright red, distinctly pear-shaped and of excellent flavor. Pkt. 10c; ½ oz. 35c; oz. 65c.

Yellow Plum. Small, plum-shaped, early, very prolific. Most excellent for sweet preserves. Pkt. 10c; oz. 70c.

Yellow Husk or Ground Cherry. A small-fruited variety used almost exclusively for preserves. Pkt. 10c.



PURPLE TOP WHITE GLOBE TURNIP

Tampala

The leaves are cooked, prepared and served like spinach. Its flavor is less irony and less puckery than spinach.

Sow seed outdoors any time after the ground becomes warm. Space rows 2 ft. apart and thin out or transplant 2 ft. apart in the rows. Use the 4 or 5 inch tips of each branch and repeated cuttings may be made as new leaves and stems grow. **Pkt. 15c.**

Turnips

1 oz. to 100 ft., 2 to 3 lbs. per acre

Culture. For main crop, sow in open ground from May to July; for Winter use, during July and August. Set out in rows 1½ feet apart, allowing a space of 6 inches between the plants.

Price: Pkt. 10c; oz. 25c; ¼ lb. 45c; 1 lb. \$1.35.

Extra Early Milan. Earliest of turnips. Quite flat, small leaves and small taproot, with bulb 3 or 4 inches in diameter.

Purple Top Strap Leaf. The old standard flat fall Turnip.

Purple Top White Globe. A valuable sort for either table use or stock feeding. Roots globe-shaped, white and purple top; flesh white; firm and tender.

Yellow Aberdeen. Very hardy and productive; a good keeper; globe-shaped and a very fine quality Turnip.

White Egg. Large, early sweet, good, smooth, egg-shaped.

Golden Ball. The best yellow sort. Medium sized round and smooth. Skin and flesh yellow.

Tobacco

Connecticut Seed Leaf. This variety is hardy and best suited for this latitude. Excellent for smoking, also for making liquid spray for killing insects. **Pkt. 15c; ¼ oz. 25c; oz. 75c.**

Plant an HERB GARDEN

All Packets 15c

Anise. Hardy annual.

Caraway. Hardy perennial.

Catnip. Hardy perennial.

Dill. Annual. Aromatic. **Oz. 25c.**



Lavender. Fragrant perennial.

Sage. Large leaved, for flavoring.

Thyme. Perennial.

VEGETABLE PLANTS

ONION PLANTS

(By Mail Postpaid)

Crystal Wax Bermuda. Sweet, white.

Sweet Spanish. Yellow skin, hardy.

Note. Onion plants are shipped just as we receive them from the grower, in bunches of about 100 each.

Prices, postpaid: Either variety, 1 bunch for 35c; 2 bundles 60; 5 bundles \$1.25.

ONION SETS

Yellow Bottom Sets. These are small onions about ½ inch in diameter that are produced by thick planting. They will produce green onions for table or market use in a very short time. In the Northwest, sets may be planted as early as weather and soil conditions will permit.

Price postpaid: 1 lb. 35c; 5 lbs. or over 34c per lb.; 10 lbs. or over 33c per lb.



Shallots. This variety is also known as Multiplier and is a splendid keeper. They are very hardy and make fine early green onions. Each bulb will produce a cluster of three to five green onions.

Price, ½ lb. 25c; 1 lb. 40c.

CABBAGE, per 12, 40c

Hardened Plants

Jersey Wakefield. Earliest and best.

Danish Ball Head. Medium size, solid head.

CELERY, per 12, 40c

Utah. Green, stems thick, solid and fine quality.

CAULIFLOWER, per 12, 50c

Henderson Early Snowball. Snow white heads, delicious flavor.

GARLIC BULBS

This is the most pungent member of the onion family. It is much prized for flavoring soups, etc. Each little "clove" should be planted separate about 6 inches apart in the row. **Price, postpaid,** ½ lb. 40c; 1 lb. 75c.

TOMATO PLANTS

Transplanted Hardened Plants

Variety	Doz.	Per 50
Break O' Day. Wilt resistant, flesh firm	65c	\$2.50
Scarlet Dawn. Early. Large fruit, bright scarlet	65c	2.50
Early Chatham. Earliest, self-pruning	65c	2.50

FOR FLOWER PLANTS

(Bedding Plants)

SEE PAGE 22

Notice. All plant orders will be booked when received and mailed at the proper time for planting. We cannot guarantee delivery on plants booked owing to the uncertainty of growing conditions. However, every reasonable effort will be made to fill all orders as received.

PLEASE, NO C.O.D. ON VEGETABLE PLANTS



GREEN BUNCHING ONION

ANNUAL and PERENNIAL FLOWER SEEDS



SWEET ALYSSUM

Alyssum

Easily grown free flowering plants, universally popular for beds, borders, edgings and rock gardens. Of quick growth and in bloom from early in the summer until hard frost.

Violet Queen. This dwarf compact alyssum is a bright violet color. Height about 5 or 6 inches, making it an excellent bedding or border flower. **Pkt. 15c.**

Carpet of Snow. This is one of the sweetest of the annuals. It is very hardy and produces a succession of white flowers till it is killed by frost. Alyssum is a great favorite as a border plant. **Pkt. 10c.**

Saxatile. A hardy growing perennial which will bloom the first season if the seed is planted indoors early and set outside when conditions permit. The flowers are bright yellow and borne in great profusion. **Pkt. 10c.**

Ageratum

Favorite profuse blooming plants with fluffy flowers in dense heads throughout the summer and fall. In great demand for borders, edgings and rock gardens. Plant in full sun or half shade.

Blue Perfection. One of the best bedding annuals owing to its prolific flowering which extends over a long period. The blooms are deep blue and are not injured by rain. The color does not fade. Fine either for the garden or for cutting. **Pkt. 10c.**

Midget Blue. (All America.) First really dependable extra dwarf (height 2-3 inches) ageratum that will come uniformly dwarf and true to color, which is a true ageratum blue. Fine for rockeries or edgings. **Pkt. 15c.**

Arabis or Rock Cress

A dwarf perennial which produces a mass of white flowers very early in the spring. It is one of the earliest of all flowers, which makes it especially desirable. Fine for borders, massing or rock gardens. **Pkt. 10c.**

Aubrieta

(False Wall Cress.) Pretty dwarf-growing rock plants forming broad masses of silvery green foliage, covered with many showy flowers. Mixed colors. **Pkt. 15c.**



ASTER, GIANT OF CALIFORNIA

ASTERS

American Branching

From midsummer until frost these asters will produce a profusion of beautiful flowers. The blossoms are quite large, 3½ to 4 inches across, and fully double. The plants grow 2 to 3 feet tall and branch freely, producing stems frequently 2 ft. long.

Azure Blue. Dark silvery lavender.

Crimson. A very fine rich color.

Peach Blossom. Delicate light peach-pink.

Purple. A rich glowing shade of purple.

White. Wonderful form, purest white.

Mixed. A fine mixture of all colors.

Pkt. 10c; 6 for 55c

Giants of California

California Giants combine the fluffy or feathered type of flowers with the long straight stems of the American Beauty class. Large double flowers with curled petals, 5 inches or more in diameter, on stems 1½ to 2 ft. long. The plants grow 2 to 3 ft. tall.

Peach Blossom. Beautiful shell pink.

Light Blue. Soft, clear azure blue.

Deep Rose. Dark rose pin.

Dark Purple. A fine shade for cutting.

White. Goes well with the above colors.

Mixed. Fine blend of all colors.

Pkt. 10c; 6 for 55c

Imbricated Pompon Asters

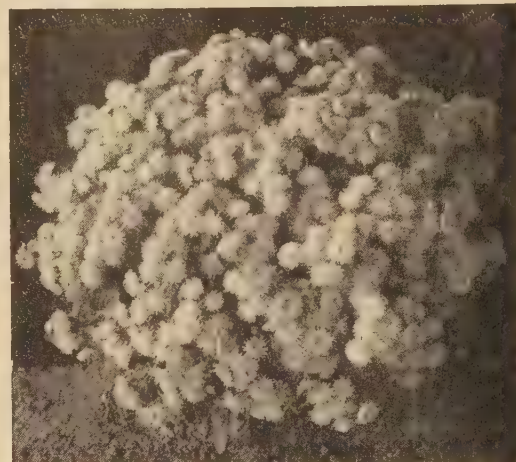
The plants are of upright, somewhat compact growth, about 15 in. tall and lend themselves admirably to bedding, cutting and pot culture. The small, round, pompon flowers have a few rows of short, broad outer petals, while the center petals are quilled. Mixed colors. **Price per pkt. 15c.**

California Sunshine Asters

The flowers, which range through flesh, pink, carmine, lavender and violet, are inclined to be rather flat and dainty. The California Sunshine Asters are the first on strong stems. **Mixed colors. Per pkt. 25c.**

New Aurora Aster "Golden Sheaf"

A new wilt-resistant variety of the famous Aurora type. The flowers, which are of the deepest yellow of any aster yet offered, are fully double with an attractive crest-like center, of good substance, and fine depth of petal. **Per pkt. 15c.**



AGERATUM, MIDGET BLUE

"Aurora Blue"

Similar to Golden Sheaf in form but light blue with yellow center. Very attractive. **Per pkt. 15c.**

Heart of France Asters

This is undoubtedly the finest ruby red aster on the market and we have added it to our list for the benefit of those who wish a truly fine aster of that shade. **Per Pkt. 15c.**

Super Giant Asters

(Largest of All Asters)

El Monte. Deep glowing crimson blooms composed of daintily interlaced plume like petals. The huge flowers are borne on heavy base branching stems and are quite early. **Pkt. 15c.**

Los Angeles. Pure shell pink with huge flowers, but of charming form, with curling interlaced petals giving a feathery effect. **Pkt. 15c.**

Giant Single Asters

A wonderful new kind of asters often measuring 3 to 4 inches across with stems 18 to 20 inches long. The flowers resemble the Shasta Daisy. **Per pkt. 15c.**

Princess Aster

Plenty of neat 3-3½ inch blooms make the Princesses attractive cut flowers for the house. Deep quilled "cushion" centers make the flowers full even when completely open. Quite wilt-resistant with strong stems and branching habit. Mixed colors only. **Pkt. 25c.**

Crego Asters

Improved Crego. Large flowers 4 to 5 inches across, with long ribbon-like gracefully curved and twisted petals, giving them a fluffy appearance. Long stems fine for cutting. The plants are strong growing, branching habit. 2 feet tall.

Crimson. Rich velvety, a striking vivid red.

Lavender. Purplish violet shade.

Enchantress. Bright salmon rose.

Mixed. Many colors mixed, some of which are not listed above.

Pkt. 10c; 6 for 55c

ALL VARIETIES, ASTERS MIXED

Asters. All varieties and colors mixed. This mixture contains many fine sorts and colors. **Pkt. 10c.**



CALENDULAS



CLARKIA DOUBLE



COLUMBINE

Bachelor Button

A hardy annual which everyone can grow in any garden soil. If the faded flowers are kept cut the plants will bloom continuously.

Jubilee Gem. A dwarf variety, making a compact plant covered with double dark blue flowers. The foliage forms a tufted mass of bright green. Height about 12 inches. Pkt. 10c.

Double Finest Mixed. This old-time favorite is still a very popular flower for cutting purposes. Mixed colors in shades of blue, pink, white and lavender. Also called corn-flower. Pkt. 10c.

Balsam

Blooms throughout the summer and early fall. An old favorite for beds and borders. Bushy plants 2 to 3 feet tall with fine double blooms often 2½ inches across. Camellia mixed colors. Pkt. 10c.

Baby's Breath

A feathery perennial bearing a profusion of small starlike flowers. It is much used in bouquets with larger flowers. Pkt. 10c.

Blue Lace Flower

A pretty annual that blooms nearly all summer and fall. The plants are about 18 inches to 3 feet tall and bear an abundance of beautiful flowers. The flowers are lacy. Pkt. 10c.

Butterfly Flowers or Schizanthus

A dainty annual with finely cut foliage and many colored flowers. Hardy and of easy culture. Wide range of colors and dwarf habit make it fine for window boxes and borders. Each 10c.

Cactus

Good results in growing new varieties of cactus may be obtained with our seed as follows: Sow the seed in flats or pans in soil made with even parts of sand and leaf mold. Cover seed lightly and keep moist but not wet. Cover with a pane of glass. Germination period 14 to 40 days.

Seed contains many varieties including rare kinds. Pkt. each 20c.

Calendulas

Calendulas are of the easiest culture, succeeding in ordinary well drained soil and where summers are not too hot, plants will bloom from early summer until frost. Sow seed in early spring and again in early summer to furnish blooms in the cool fall days. Plants grow 15 to 24 inches tall.

Orange Fantasy. Winner of All-America Award. A new sort with long outer petals, the inner petals short, curled and interlaced to form a heavy crest which surrounds a large mahogany bronze center. Flowers grow over 3 inches across, of deep coppery orange, with petals edged deep mahogany-red; 15 inches tall. Pkt. 10c.

Mixed Calendula. One of the best and showiest of the hardy annuals. It does well in almost any soil, producing an abundance of bright flowers until the hardest frost in late fall. Mixed colors and shades. Pkt. 10c.

Calliopsis

One of the easiest and showiest of annuals. The flowers are of the daisy type and are produced in a pleasing variety of color markings. Pkt. 10c.

Candytuft

A hardy annual growing about 8 to 10 inches high. Flowers very fragrant. It is very easy to grow and is much used for borders and massing. Mixed colors. Pkt. 10c.

Canterbury Bells

There are few flowers in the garden as hardy or as easily grown as the Campanulas. They will grow in almost any garden soil and when once started they will usually reseed themselves.

Canterbury Bells. Single mixed. Pkt. 10c.

Cup & Saucer. Calycanthema. Pkt. 10c.

Cardinal Climber

This annual is very attractive, strong and rapid climber that sometimes attains a growth of 25 feet in a single season. The foliage is fern-like and dainty. During the flowering season the vine is literally a blaze of fiery cardinal blossoms, each about 1 inch across. Pkt. 15c.

Carnations

Carnations do not produce flowers the first year unless started very early indoors or in a hotbed. Our mixture contains both the double and single varieties, and has all shades and colors. Pkt. 15c.

Celosia

This annual is also known as Cockscomb, and is a mixture of the plume and the cockscomb type of blooms. A wonderful mixture of shades and colors. Will transplant easily. Pkt. 10c.

Chrysanthemums

This flower is also called Painted Daisy because of the bright colors of its daisy-like flowers. The plants are about 3 feet tall and covered with a mass of bloom in nearly every shade and color. Pkt. 10c.

Clarkia

Showy annual about 2 feet tall that blooms from July until frost. They resemble sprays of double flowering almond in various shades and colors. The seed germinates quickly and does well even on light sandy soil. Pkt. 10c.

Columbine or Aquilegia

One of the most beautiful and satisfactory of the perennials. The plant grows about 3 feet tall and produces many long spurred flowers in a wide range of shades and colors. Exceptionally beautiful in mixed bouquets. Pkt. 10c.

Coreopsis

One of the hardiest and easiest grown of all summer blooming perennials. Plants 2 feet tall. Adapted to bedding or massing effects. Pkt. 10c.

Cosmos

Beautiful summer and fall blooming plants, decorative in the garden and wonderful for cutting, lasting longer if the flowers are placed in water immediately after cutting. Do best in well drained soil in the sun.

Early Flowering Mammoth Mixed. From 4 to 6 feet tall. The flowers, which resemble single dahlias in shape, are borne profusely on long stems. Pkt. 10c.

Sensation Dazzler. The flowers are very large, from 4 to 5 inches across, with heavy fluted petals. The color is dazzling crimson. Pkt. 15c.

Sensation Mixed. A fine mixture which contains red, pink and white colors. Pkt. 15c.

Orange Flare. This new Cosmos of the Klondyke type is among the best of the All-America introductions. The flower which is borne on long stiff stems is of a color new in Cosmos. This is a vivid orange of striking hue. Pkt. 10c.

Double Crested. This new and improved Cosmos is one of the most beautiful of recent introduction. The center of the flower has a crest or crown which is very attractive. The outer or guard petals are similar to the single Cosmos. Pkt. 15c.



UNWIN DAHLIAS

Dahlias

Growing dahlias from seed is not only a fascinating pastime but you may originate a beautiful new variety of your own. We offer two early blooming sorts:

Finest Single and Double Mixed. All colors and varieties. Pkt. 15c.

Unwin's Ideal Bedding. Dwarf single free-blooming dahlias in a finer array of colors. Pkt. 15c.

For Dahlia Tubers—See page 27.

DELPHINIUMS

Delphiniums are among the most beautiful and most widely used perennials for garden display and cutting. They are of easy culture succeeding best in deep rich, well drained soil. Bloom in June and if the spikes are not allowed to go to seed new growth with water will sometimes produce flowers in the fall.

Pacific Strain Delphiniums. These magnificent delphiniums are the result of years of hybridizing by Pacific Coast Grower. The florlets are often 2 inches in diameter and borne on tall, mildew resistant stalks.

Black Knight. The darkest color in the Pacific Series. Pkt. 35c.

Blue Bird. Medium blue. Pkt. 35c.

Galahad. Pure white and white bee. Pkt. 35c.
Pacific Strain Mixed. A mixture of all colors. Pkt. 25c.

Wrexham Hybrids. One of the finest strains of Delphinium on the market. The flowers are large and showy, the plants tall and vigorous. The color ranges from light to dark blue. Very fine. Pkt. 15c.

Gold Medal Hybrids. A fine strain of these well-known flowers that will give satisfaction wherever grown. Pkt. 15c.

Forget-Me-Not

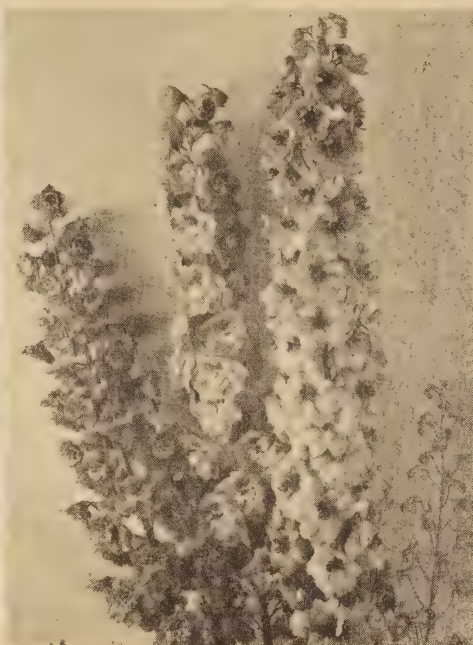
Very popular, beautiful biennial. Hardy enough to remain in open ground over winter. Blue. Pkt. 10c.

Foxglove

The flowers are tubular in shape and are borne on long spikes 4 to 6 feet in height. Foxgloves will do well either in partial shade or bright sun. Mixed colors. Pkt. 10c.

Gaillardia

Also called Blanket Flower. A hardy perennial which will bloom the first year from seed if planted early. The plants are about 18 inches tall and will bloom over a long season. Flowers are scarlet and yellow blended. Pkt. 10c.



PACIFIC STRAIN DELPHINIUM

Godetia

(Satinflower.) This attractive and showy annual thrives in rather poor soil and will stand some shade. Flowers are borne profusely. Rich satiny texture. Mixed colors. Pkt. 10c.

Gourds

Ornamental gourds. Large and small mixed. Interesting fruits produced on vines in same manner as cucumbers. Pkt. 10c.

Geum

Pretty and valuable plants producing many cup-like flowers on long stems. Excellent for cutting.

Lady Stratheden. Double yellow. Pkt. 10c.

Mrs. Bradshaw. Double scarlet. Pkt. 10c.

Helichrysum

(Straw Flower.) This is one of the best of the everlasting. The effective double flowers in rich glistening colors make a wonderful display either in the garden or for winter bouquets. Pkt. 10c.

Heliotrope

A half hardy perennial that should be treated as an annual in this climate. It will bloom in the open garden the first year but does best if sown indoors or in hotbeds and transplanted to the open when the weather is warmer. Very fragrant. Each 15c.

Hollyhock

Chater's Double. Hollyhocks are old garden favorites, excellent for background to dwarfier plants, for screening unsightly places and planting along bare walls. They are easy culture, succeeding best in deep rich, well-drained soil. The plants like a warm sunny location sheltered from the wind. Mixed colors. Pkt. 15c.

Annual "Indian Spring." A new annual hollyhock with semi-double crinkly edged flowers of lovely rose-pink shades predominating. Cutting back after first blooms are past often produces a second crop. Pkt. 15c.

Kochia

(Summer Cypress.) This beautiful annual, sometimes called Burning Bush, forms a globe-shaped bush about 2 feet to 2½ feet in height, which resembles a cypress tree. In summer, the color is light green, but in the fall it turns carmine to blood-red. Pkt. 10c.



LARKSPUR

Giant Imperial Larkspurs

Larkspurs give fine spikes of bloom that are exceedingly graceful and attractive. Perfectly hardy. Sow in early spring and thin out seedlings to give each plant room for development. The delphinium-like flowers are carried on 4 to 5 foot stems. The plants are upright and compact. We have the following colors:

Blue Spire. Deep violet blue.

Rose King. Warm deep salmon rose.

Pink King. Soft pink shaded salmon.

White King. Pure glistening white.

Lilac Spire. Attractive pinkish lavender.

Mixed. The above colors and others.

Pkt. 15c; Collection of six 75c

Linum

(Scarlet Flax.) A very effective and showy hardy annual bedding plant. Long blooming period. Brilliant scarlet flowers on delicate stems about 1 foot high. Pkt. 10c.

Lobelia, Dwarf

Plants small and compact and very hardy, bearing a profusion of brilliant blue flowers. A great favorite not only for borders but for window and porch boxes as well. Pkt. 15c.

Lobelia, Trailing

A beautiful plant for window boxes and hanging baskets. The flowers are similar to the compact Lobelia but the plants are loose and trailing. Pkt. 15c.

Russell's Lupins

This is without doubt the finest strain of Perennial Lupins yet introduced. The flower spikes are longer, and the flowers closer placed than any of the earlier kinds. The colors are brighter and come in a wide range of solid colors and striking bi-colors. Large Pkt. 25c.



MARIGOLD, MAMMOTH MUM

Beautiful New MARIGOLDS

A wealth of color all summer and fall unequalled by any other flower. Easy to grow in ordinary garden loam but give the best results in a fairly rich medium one; be sure to plant in a sunny location. All are lovely for cutting, the flowers keep in fine condition for a long time.

HARMONY HYBRIDS

French Dwarf Double. All the fine features of "Harmony" but coming in a wide and varied color range, from yellow to maroon with many striped and contrasting combinations. **Pkt. 10c.**

MISSION GIANTS

The plants grow about 18 inches high and show much more than the ordinary amount of vigor. The plants, which are base branching, produce from 8 to 12 stems of excellent length. The blooms, which measure from 4 to 5 inches in diameter, are almost a perfect ball.

Mission Giant Goldsmith. New rich golden orange. **Pkt. 15c.**

Mission Giant Yellowstone. New clear golden yellow. **Pkt. 15c.**

GIGANTEA "SUNSET GIANTS"

A striking new sweet scented marigold that is attracting much attention on account of its size, keeping qualities and range of color, which varies from deep orange, golden orange, deep golden yellow, lemon and primrose. The blossoms, which are borne on robust plants 3 to 4 feet tall, average 5 inches in diameter. **Pkt. 15c.**

NEW DOUBLE "GUINEA GOLD"

A new and distinct type of Marigold, excellent for both cut flower and garden use. The flowers are a brilliant orange, double, ruffled, with loose petals. **Pkt. 10c.**

NEW MAMMOTH MUM

Great, fluffy, light sulphur, yellow blooms $3\frac{1}{2}$ inches and more across. Flowering in $2\frac{1}{2}$ months from seed so gardeners have "Mums" for garden and cut flowers months before frost. Borne on upright plants 30 inches tall. Long, sturdy stems. **Pkt. 15c.**



MARIGOLD, BUTTER BALL

FLASH

All-America Silver Medal Winner. Earliest of all Marigolds! The dwarf plants are completely covered with flowers all summer. Flowers are a bright combination of colors ranging from vivid red through bronze, with a few yellow flowers to give harmonious contrast. Plants average 18 in. in height. **Pkt. 25c.**

BUTTERBALL

All-America Bronze Medal Winner. Small canary-yellow, scabiosa-like flowers, 1 in. across, with crested centers, completely cover the compact, bushy plants. Grow 8 in. tall. **Pkt. 15c.**

SPRY

All-America Silver Medal Winner. The most profuse blooming of all Double French Marigolds. Bright yellow, pin cushion centers, crests surrounded by several rows of mahogany-red guard petals. About 9 inches tall. **Pkt. 15c.**

AFRICAN DOUBLE

A fine hardy annual of vigorous growth about 3 feet tall. It is covered during its blooming season with many globe-shaped orange and lemon-colored blossoms. **Pkt. 10c.**



NASTURTIUM

Mignonette

Another old-fashioned favorite flower. No garden complete without it. Large spikes, very fragrant. **Pkt. 10c.**



MORNING GLORY, HEAVENLY BLUE

Morning Glories

Easily grown, fast growing climbers, best in soil that is not too rich and in full sun. Fine for covering trellises, arbors, porches and poles. Free blooming from July until frost. Will climb 10 ft. or more. These morning glories listed below are annuals—they do not come again the second year.

Heavenly Blue. A new shade of the well-known climber that will greatly please those who wish a rapid growing vine for covering trellises and garage walls. The color is such a brilliant blue that a mass of these Morning Glories makes a wonderful display. **Pkt. 10c.**

Imperial. The flowers are gigantic in size, and their colorings range from snow-white to black purple with all possible intermediate shades and markings. **Pkt. 10c.**

Tall Mixed. A good mixture of this well-known climbing annual. **Pkt. 10c.**

Nemesia

A dwarf annual which makes pleasing masses of low growth for edging and borders for beds of tall annuals or perennials. The orchid-like flowers are often $\frac{3}{4}$ inch across and the color is various shades of scarlet, orange, rose and blue. Large flowered hybrids. **Pkt. 15c.**

Nasturtiums

Because of their charm and old fashioned loveliness, single flowered nasturtiums are much in demand. We have two mixtures, one climbing and the other dwarf.

Dwarf. Half hardy annual. Blossoms very profusely all the season. Many brilliant colors, mixed. **Pkt. 10c; oz. 25c; 1/4 lb. 75c.**

Tall. Beautiful annual climber for trellises and arbors; of easy culture; gorgeous colored flowers. **Pkt. 10c; oz. 25c; 1/4 lb. 75c.**

SEMI-DOUBLE GLEAM

Flowers are extra large, exquisitely sweet-scented and semi-double plants are semi-tall, of strong, vigorous growth and are fine for beds, borders or as ground covers. Valuable for cutting.

Golden Gleam. Golden yellow.

Scarlet Gleam. Brilliant scarlet.

Mahogany. Dark mahogany red.

Orange Gleam. Deep glowing orange.

Mixed. Many shades mixed.

Pkt. 10c; oz. 25c

"DWARF DOUBLE GEM MIXTURE"

This new type of Double Gem is entirely free from runners and forms dwarf, compact, gem-like plants suitable for edging or window boxes. The range of color includes shades of yellow, orange, scarlet, crimson, cerise, maroon, etc. The flowers are sweet scented. **Pkt. 10c; oz. 25c.**



MASTODON JUMBO PANSY



PETUNIA, GIANT DOUBLE MIXED



PETUNIA, THEODOSIA

Nierembergia Hippomanica

(Dwarf Cup Flower.) One of the best of recent introductions for the border, edgings, rockery or window box. Grows 6 to 8 inches tall and covered all summer with light lavender cup-shaped flowers. **Pkt. 15c.**

Giant Pansies

Pansy seed may be started indoors in February to transplant in the open ground in May. For early spring plants start in August. If the flowers are picked regularly the plants will continue to bloom until frost. This year we are listing some separate colors along with the mixtures.

Lake of Thun, Ullswater. Marine blue with striking deeper blue blotches. **Pkt. 50c.**

Coronation Gold. All-America Award. Big yellow pansy without brown blotches. **Pkt. 50c.**

Alpenglow. Rich garnet tones with handsome markings. **Pkt. 50c.**

MASTODON "JUMBO"

Earliest of all. These gigantic flowers are often 4½ inches across. This mixture contains shades of orchids, blues, pinks, copper, salmon and many other colors. **Pkt. 50c.**

"MASTODON MIRACLE" MIXED

A wonderful mixture of the famous Mastodon Pansies containing many of the finest novelties produced by a well-known Pansy grower. **Pkt. 35c.**

TILLINGHAST "REGAL" PANSY SEED

A good mixture of large flowering sorts in a good range of colors. **Pkt. 25c.**

For Plants See Page 20

Penstemon

This beautiful perennial ranks with the petunia and phlox as a bedding plant. However, it is usually treated as an annual as it blooms readily from seed the first year. The flower spikes are about 30 inches tall and very brilliant. All colors mixed. **Pkt. 15c.**

Phlox Drummondii

A beautiful showy annual. All colors; mixed, very brilliant. **Each 15c.**

Pinks, Double Chinese

The flowers have a pleasing range of colors and a spicy fragrance that always makes them a favorite. **Pkt. 10c.**

In dry season or wet Petunia is the most adaptable, long flowering and colorful of the garden annuals. There is an almost complete color range from pure white to yellow, veined or blotched, with plain edges or frilled.

Cream Star. Light cream at the outer edges, the throat deepens to a bright golden yellow. The small, five-pointed star-like blooms are produced in amazing quantities on the dwarf plants which have a remarkable dwarf uniform habit of growth. Ideal for the dwarf border. **Pkt. 25c.**

Cheerful Dwarf Bedding. Crisp, satiny sheen on salmon-pink petals, deeper rose veining toward throat. Plants first grow low, spreading close to the ground, later forming a mound 10 to 12 inches high with spread of 2 feet, densely compact with no tendency to thin out, fall over or open up at center. **Pkt. 25c.**

Fire Chief. (All-America Gold Medal Winner.) The first annual to receive this high award in 11 years. Petunia Fire Chief is the reddest petunia you ever saw. Compact plants of erect habit covered throughout the season with brilliant single red flowers. Exceptional uniformity of color and habit. **Pkt. 25c.**

See page 22 for plants of this remarkable petunia.

PETUNIAS

Theodosia. One of the finest garden petunias yet. A frilled bloom of rich rose with deep open throat of molten gold. Blooms about 3 inches in diameter. Long and continuous bloomer. One of the finest of all petunias. **Pkt. 25c.**

"Rosy Morn." This is a single bedding Petunia that in recent years has become very popular for bedding and window boxes. The color is a soft rose pink with the throat shading to white. It is a very profuse bloomer. **Pkt. 15c.**

"Elks' Pride." This is the finest of all purple Petunias and is in great demand both for bedding and for window boxes. The plant is somewhat trailing and very free flowering. The color is a vivid royal purple. **Pkt. 25c.**

Flaming Velvet. Velvety, rich, blood-red flower. The plants are semi-compact in habit, about 15 inches high and absolutely uniform. The flowers are large. **Pkt. 20c.**

Giants of California. Our strain of these well-known ruffled petunias contains a wide range of colors and markings. Some of the blooms are so ruffled that they appear almost double. **Pkt. 25c.**

Giant Double Mixed. One of the prettiest and finest strains of petunias in existence. They come in a wide range of colors and run a high per cent of doubles. **Pkt. 50c.**

Single Mixed. Profusely blooming; hardy. In bloom till frost comes. Easy to grow anywhere. **Pkt. 15c.**

Portulaca

Sometimes called Moss Rose. It is one of the most beautiful of the dwarf bedding plants. The cup-shaped flowers are about an inch in diameter and various shades of pink, red, yellow and white. The fleshy stems grow almost flat on the ground.

Single mixed 15c.
Double mixed 15c.



PHLOX, ART SHADES



PORTULACA SINGLE



SHIRLEY POPPY

Poppies

The colorful beauty of poppies assures them a place in every garden. They are of easy culture, growing in fairly rich, slightly moist, but well drained soil in full sun. The seed is best sown where the plants are to bloom.

California Poppy. Mixed. A very hardy perennial bearing a profusion of cup-shaped flowers in many new and vivid shades. Will grow in almost any soil. **Pkt. 10c.**

Ramona Strain (California Poppy). This is similar to the common form in shape and color but the petals are crinkled and fluted like crepe paper. Very fine. **Pkt. 15c.**

Iceland Poppy. While these hardy poppies are perennials they bloom as well from seed the first year as the annual sorts. They are very graceful with neat, fern-like foliage. The flower stalks are about 15 inches tall, bearing an endless profusion of brilliant flowers that are suitable for cutting. Varieties of yellow, white and orange scarlet. **Pkt. 10c.**

The Tulip Poppy is of the most brilliant of all poppies and unsurpassed for massed planting. The flowers are 3 inches across and resemble a brilliant scarlet. **Pkt. 10c.**

Shirley Poppies. The Shirley Poppy is the most beautiful type of poppy grown. The foliage has a soft hairy covering and the petals are immense and have a beautiful satin-like texture. The flowers are of many colors, white, pink, lavender, purple and various shades of red and scarlet. **Pkt. 10c.**

Double Sweet Briar (Shirley Poppy). This double begonia-flowered poppy of brilliant cerise rose is one of the best of the new colors. **Pkt. 10c.**

Oriental Poppies. One of the finest and hardiest of all perennials. The flowers are large and showy, the petals satiny. The plants require but little care and will grow in very poor soil. **Pkt. 15c.**

For Plants See Page 21

Primroses

For Plants See Page 21

Primula (veris). One of the best of the hardy border plants for ordinary culture. A low growing plant with heads of cheery flowers in various shades. **Pkt. 35c.**

Primula auricula. Evergreen primrose. The hardiest of all primroses with broad fleshy leaves that usually are attractive throughout the year. The flowers appear generally in both spring and fall. They are sweet scented and come in a wide range of colors. Mixed colors only. **Pkt. 35c.**



SCABIOSA, BLUE MOON

Pyrethrum (Painted Daisy)

For Plants See Page 21

They produce showy flowers of all shades of color, except blue and yellow, freely on long stems throughout spring, which are of inestimable value for cutting. They grow in neat, compact tufts and have elegant finely cut foliage. Best time to plant is early fall or spring. **Pkt. 35c.**

Ricinus

Also called Castor Oil Plant. A tall growing plant planted for its large colored leaves which give it a tropical appearance. Fine as a hedge or to cover unsightly places. **Pkt. 10c.**

Salpiglossis

Also called Painted Tongue. Bloom from summer until cut down by frost. 2½ feet. The flowers are funnel-shaped, facing upward, and reveal exquisite and infinitely wrought veinings of either gold or silver, running throughout the groundwork of the flowers, the whole shapely flower having an orchid-like appearance. Mixed. **Pkt. 10c.**

Salvia

Popular for beds, borders and edgings. All kinds are treated as annuals. Set plants out when weather and soil are warm.

American. Round plants, brilliant red flowers. **Pkt. 25c.**

Blue Bedder. Rich deep Wedgewood blue flowers. **Pkt. 25c.**

Scarlet Runner Bean

A pole or running bean that because of its showy scarlet flowers is much used for ornamental purposes. It is a rapid grower and makes a handsome covering for trellises. **Pkt. 10c.**

PRIMULA POLYANTHA
See Page 21

Scabiosa

A very fast growing annual and one of the most important for cut flowers. Blooms on long slender stems, which are very graceful.

Grandiflora Rosette. A glorious new color in Annual Scabiosa. Rosette is a deep rose heavily suffused with salmon. The flowers are extra large and the stems are long and stiff. **Pkt. 15c.**

"Blue Moon." This new type of scabiosa is fully double and larger than any previous type. Color is a lavender blue, stems long and strong. An ideal cut flower. **Pkt. 15c.**

"Peach Blossom." A fine new shade of Giant Scabiosa that makes a wonderful cut flower for the home as well as for the florist. It is a great improvement over the common scabiosa as the flowers are of enormous size and the color is exquisite. **Pkt. 10c.**

Double Mixed. Large flowering. These beautiful hardy annuals are in great demand. They grow about 2½ feet tall and bloom from early summer until frost. **Pkt. 10c.**



TETRA SNAPDRAGON

Rustproof Giant Flowered Snapdragon

The plants of this variety are much larger than the common snapdragons, growing 2 or 3 feet tall. The flower stems are long and thickly set with large flowers. This is the largest and finest of all snapdragons. Wonderful either for massing or for cut flowers. The seed we offer is almost entirely rustproof and comes in the following colors:

Alaska. Glistening white, large blooms.
Campfire. Bronzy crimson with yellow lip.
Canary Bird. Rich canary-yellow.
Copper Shades. Coppery reds and bronze.
Loveliness. Pure soft rose pink.
Mixed Colors. Best shades, including above and some others.

Pkt. 15c; 6 for 75c

Rosalie. The color is a rich rose with an underlying tone of topaz or amber. Many huge flowers open at the same time. **Pkt. 15c.**

TETRA SNAPS

Superfine Tetra mixture. The largest flowered of all snapdragons. Two to 2½ in. deep and 1¾ to 2¼ in. wide, many distinctly and attractively ruffled; every color seen in this glorious flower. **Pkt. 25c.**

Tetra Orchid. Rich orchid-purple with yellow blotch. **Pkt. 25c.**

Tetra Yellow. Clear yellow with long spikes, large flowers. **Pkt. 25c.**

Stocks

Sturdy flower spikes covered with rosette blossoms in soft colors with an exceptional tone range. Stocks require a rich sandy, well manured loam. Sow seed early in the house and transplant outside when danger of frost is over.

DOUBLE EARLY GIANT IMPERIAL STOCKS

Fiery Blood Red. Vivid intense red.
Elks' Pride. Royal purple.
Lavender. Lovely clear shade.
Blush Pink. Soft pink.
Buttercup. Fine deep yellow.
White. Pure white.
Mixed. Best mixture.

Pkt. 15c; 6 for 75c

Double Ten Weeks Mixed. Large flowered ten weeks stock are among the finest hardy annuals we have, either for garden or pot culture. The flowers are borne in dense spikes in a great range of colors. Pkt. 10c.

Brompton or Winter. A hardy strain of stocks that does well during mild winters but should be in a protected location. It is of branching habit, disease resistant, robust and easy to grow. Height, 24 inches. Pkt. 15c.

Virginia Stocks. A charming little bedding or border annual in bright shades of red rose and white. Blooms early. Pkt. 10c.

EVENING SCENTED STOCKS

An old-fashioned annual that is grown for its fragrance rather than its beauty. The flower is purplish lilac and gives off an entrancing odor during the early evening. Pkt. 10c.



STOCKS, DOUBLE GIANT IMPERIAL

Statice

A fine annual that can be used either as a cut flower or dried as an everlasting and used for bouquets in the winter. Shades of rose, pink, blue and white. Pkt. 10c.

Sunflower

(*Helianthus*.) This variety of sunflower resembles a large Gaillardia. The flowers are in various shades of yellow and orange. Free bloomer. Fine for bouquets or growing among shrubbery. Pkt. 10c.

Sweet Sultans

This flower is a wonderful improvement over the old well-known Bachelor Button which belongs to the same family. It is a hardy annual that produces many fine flowers in a pleasing array of colors. Pkt. 10c.



SWEET PEAS

SWEET PEAS

Spencer Sweet Peas

We believe that SIZE, COLOR and VIGOR OF GROWTH considered this is the finest list of Standard Spencers to date. Varieties that sunburn have been eliminated as far as possible. All giant frilled. All high germination.

Order by Name, Not Color

Ambition. Rosy lavender or orchid.
Amethyst. Clear medium blue.
Charming. Deep cerise.
Chieftain. Pure satiny mauve.
Discovery. Soft chamois pink.
Ecstasy. Large blush pink.
Fairyland. Light rose pink on heavy salmon ground.
Flagship. Deep navy blue.
Gigantic. Lovely pure white, very large.
Gleneagles. Light blue.
Mary Pickford. Cream pink, tinged salmon.
Mastercream. Deep rich cream.
Olympia. Immense rich purple.
Peer. Bright orange pink.
Pinkie. Deep rose pink.
Pirate Gold. Best salmon orange.
Personality. Coral salmon pink.
Powerscourt. Best true lavender.
Red Boy. Fine crimson.
Shirley Temple. Soft rich rose pink.
Smiles. Clear glistening salmon.
Stylist. Pink cerise on white ground.
Warrior. Best maroon red.
Welcome. Brilliant scarlet cerise.

Above packets are full 10c size

You will be pleased with the amount of seed in each packet

GIANT SPENCER SWEET PEA COLLECTION

10 regular size packets in a complete color range from our finest varieties. Price 75c.

Mixed Sweet Peas

Superb Spencer. This fine mixture contains a wonderful array of colors made up of named varieties. Pkt. 10c; oz. 35c; ¼ lb. 75c.

Early Flowered Spencer. This variety is suitable for spring planting and has the advantage of coming into bloom earlier after planting than the Superb Spencers. Good mixture of colors. Pkt. 10c; oz. 35c; ¼ lb. 75c.

Giant Ruffled and Duplexed Sweet Peas

We offer this year the finest of the Ruffled Sweet Peas now grown and in as wide a range of colors as possible.

Bonnie Ruffles. Salmon-pink on rich cream, creating a golden pink effect.

Fluffy Ruffles. Light cream pink.

Ruffled Exquisite. A new scintillating salmon cerise shading to deeper salmon.

Ruffled Blue. Beautiful duplexed flowers of mid-blue, shades of deeper blue.

Ruffled Crimson. Rich satiny crimson.

Ruffled Orchid. Lavender pink with pastel mauve sheen.

Ruffled Primrose. Rich deep cream.

Ruffled Rose. Soft rich rose.

Ruffled Sparkle. Brilliant glowing cerise.

Ruffled White. Finest white.

Above Packets Each 15c

Ruffled Spencer Mixed. Pkt. 15c; oz. 40c.

One each of the above eleven packets, \$1.25.

Note—Most Ruffled Sweet Peas are light seeded and require a little warmer ground for best results.

Cuthbertson Sweet Peas

Cuthbertson sweet peas represent one of the most important developments in the modern world of flowers. MORE HEAT RESISTANT, HUSKIER VINE GROWTH, EXTRA LONG STEMS, SPARKLING COLORS. We carry a wide range of colors that have a long blooming period, outstanding vigor of growth, long stems, and large blossoms. The following named varieties are available. ORDER BY NAME, NOT COLOR.

Tommy. Blue.

David. Bright rose carmine.

Carol. Clear pink.

Marion. Cream.

Kenneth. Crimson.

Frank G. Lavender.

Jessie. Mauve.

Lois. Rose pink.

Katie. Rose cream pink.

Evelyn. Salmon cream pink.

Coline. Scarlet.

Janet. White.

Mixed. A blend of colors.

Pkt. 10c; 3 for 25c



SWEET WILLIAM

Sweet William

A very fine perennial for either cut flowers or for borders. It grows about 18 inches tall in good soil and will produce a wonderful display of fragrant blossoms. One of the finest perennials. **Pkt. 10c.**

Tithonia

Torch. All America Silver Medal Winner 1951. Torch is as easily grown as Zinnia. It is orange-red and red is the American public's favorite color. It is a cut flower that blooms from August until frost. Best of all it's only waist high—compact enough for any garden. **Pkt. 25c.**



VERBENA

Verbena

A hardy annual of easy culture. Soaking the seed in water before planting will hasten the germination. Can be used either for bedding or border plants. **Pkt. 15c.**



ROCK GARDEN MIXTURE

Venidium

(**Fastuosum Hybrids**). These new hybrids of the African Daisy form strong bushy plants about 2 feet tall with flowers about 3 inches across. They come in a remarkable range of colors, from pure white through ivory, yellow and buff, set off by gleaming black centers with maroon markings at the base of the petals. **Pkt. 15c.**

Violas

Tillinghast's Formula Mixture. This blend of bright gay colors far surpasses any mixture of violas we have ever seen. The bright shades of self colors of red, yellow, blue, and apricot combined with many shades which are blotched undoubtedly make these violas a supreme mixture. **Pkt. 25c.**

Wallflower

Single mixed colors. Hardy perennial, fragrant. Blooms profusely early in the spring next year after planting and continue to bloom for several years. **Pkt. 10c.**

ZINNIAS

GIANT DAHLIA-FLOWERED ZINNIAS

These Zinnias are so superior to the varieties usually offered that they beggar description. The flowers are unusually large, being from 4 to 7 inches in diameter when grown under proper conditions with good fertilizer and sufficient moisture. Many of the flowers resemble immense dahlias with their long, stout stems that make them unsurpassed as cut flowers. We offer this strain in seven distinct colors and a mixture.

Crimson Monarch. Rich crimson.

Dream. A fine deep rosy lavender.

Exquisite. Light rose, center a deep rose.

Canary Bird. Rich canary yellow.

Oriole. Immense orange and gold bi-color.

Polar Bear. The best large pure white.

Purple Prince. Very deep purple.

Mixed. All the above colors and others not listed. **Pkt. 10c.**

GIANT DAHLIA FLOWERED ZINNIA COLLECTION

Seven regular full size packets, seven separate colors listed above. **Special 60c.**

Crown o' Gold Pastel Tints. The flowers are large and showy, five to five and one-half inches in diameter. Strictly a pastel mixture. Each petal of the flower is overlaid at the base with deep golden yellow, while carrying out the individual flower color at the tip. Plants grow about 3 feet tall, and flowers are borne profusely throughout the season. **Pkt. 15c.**

Giants of California. A mutation from the Giant Dahlia Flowered Zinnia that is truly enormous in size. The blossom is flatter than the Dahlia Flowered type and the stem is not so stiff, which gives it a much more graceful appearance. **Pkt. 10c.**

Fantasy Finest Mixed. Rounded flowers of shaggy ray-like petals is an outstanding Zinnia novelty. The plants are 2 to 3 feet high and bearing many blooms throughout the summer. The color range includes the brightest shades of red and orange as well as the popular pastel shades, pink and cream. **Pkt. 15c.**

Haageana Double (Mexican Hybrids). The small flowered Mexican Zinnias have a charm all their own. The smaller flowers lend themselves to bedding and make a brilliant display and yet have stems long enough to make fine bouquets for small vases and bowls. **Pkt. 10c.**

Lilliput. A new type of Zinnia that is rapidly coming into favor as a bedding plant. Owing to the fact that it is only about 12 inches tall, it is suitable either for bedding or window boxes. The flowers which are small and button-like and very double are borne in great profusion. **Pkt. 15c.**



ZINNIA, DAHLIA FLOWERED



ZINNIA, FANTASY WILDFIRE



ZINNIA, HAAGEANA

Flower Seed Mixtures

Flower Garden Mixture. This mixture contains a fine collection of many varieties of annual and perennial flowers. **Pkt. 10c.**

Rock Garden Mixture. A wide assortment of annual and perennial plants especially adapted for rock gardens. Should be planted before the weather becomes too dry. **Pkt. 10c.**

Perennial Plants — New and Old



BELLIS, ENGLISH DAISY

Alyssum

Called Carpet of Gold. A fine rock plant about 1 foot tall forming masses of grayish green foliage and covered in early Spring with masses of golden yellow flowers. Likes full sun.

Anchusa

A very hardy family of perennials noted for brilliance of color. Blooms over a long period.

Dropmore—Four foot stems with many large blue flowers.

Myosotidiflora. A dwarf sort with large rounding leaves and large heads of bright blue forget-me-not like flowers.

Anthemis

(*Marguerite*.) This Marguerite is one of the most satisfactory summer blooming perennials. It does well even in rather poor soil. Produces large yellow daisy-like flowers during most of the summer. Height about 18 inches.

Armeria

Sea thrift.—A low growing border or rock plant that does well even in poor soil. The foliage is bright green and grows in compact clumps, from which stiff, wiry stems arise bearing dense heads of light pink bloom. They flower from early spring till fall.

Arabis

One of the earliest of all spring flowers in this section. The foliage is gray green and resists drought well. It is very hardy. Forms dense masses of fragrant white blossoms. Suitable for rockeries or edging.

Alpina. Single, pure white flowers.

Alpina Flore-Pleno. Double white flowers.

Hardy Asters

MICHAELMAS DAISIES

Autumn flowering perennials, used for borders, fine for cut flowers. All shades of blue, pink and crimson. They grow from about 2 to 4 feet. They thrive in any soil and under any rough conditions. Plant in the fall or spring 2 feet apart in full sun. Asters require lots of moisture.

Beechwood Challenger. Early free flowering aster about 3½ feet tall. Nearest to red. Brilliant crimson red. **Each 50c.**

Blue Gem. Finest blue yet. Large semi-double with yellow center. Blooms from September to frost. **Each 50c.**

Harrington's Pink. Finest pink yet. 4 feet tall. A very profuse bloomer. **Each 50c.**

Dwarf Hybrid (Countess of Dudley). A sort valuable for edging, grouping or rock gardens. Blooms from August until October. Lavender flowers, yellow center. **Each 50c.**

CANNOT ACCEPT C.O.D.'S ON PLANTS

Price of all perennials in this list, except where otherwise noted: Each, 40c; 3 for \$1.10; 6 for \$2.10; dozen \$4.00, postpaid.



ARMERIA

Aubrieta

Rainbow Rock Cress. Neat clumps of foliage covered during early spring and summer with masses of beautiful blooms ranging from pink to purple. Fine for rockeries and crevices. 4 to 6 inches.

Babysbreath

An airy mass of delicate misty bloom much used with bouquets of sweet peas and other bright flowers. Also used for dried bouquets for winter.

Paniculta. Single white. **Each 40c.**

Bistol Fairy. A new variety of Baby Breath which has a much larger and much more double blossom than any other sort. **Each 75c.**

Rosy Veil. A new dwarf PINK double-flowering Gypsophilla. Established plants reach a height of 2 feet and bloom in summer and fall. They start blooming 2 weeks earlier than the tall double Gypsophilla and continue later in the season. **Each 75c.**

Bellis (English Daisy)

A hardy bushy perennial plant that flowers profusely from early spring until late fall. Mixed colors only. **Each 25c; 3 for 60c.**

Bleeding Heart

Old fashioned perennial. Should be grown in partial shade. Plant in the fall or early spring, 12 inches apart.

Spectabilis. Long drooping racemes of graceful heart shaped rosy red flowers. Two-year plants. **Each 90c.**

Formosa Sweetheart. Something new for your garden. The clusters of gracefully suspended blooms are the purest white and follow one another from mid-spring until frost. *Dicentra Sweetheart* is delicately fragrant and has sturdy 12 to 15-inch stems for cutting. Strong field-grown plants. **Each \$1.00; 3 for \$2.75.**

Carnation Plants

These named varieties of carnations are larger and finer than the seedlings offered, and are grown only from cuttings. Fine for either greenhouse or garden use. Hardy.

Virginia Miller. Rose pink.

Tom Knipe. Red, very fine.

Virginia Dare. Light pink.

Olivette. White.

Sungold. Yellow.

Mary Dare. Red and pink variegated.

Each 40c; Collection of six \$2.25; 12 for \$4.00

CARNATION SEEDLING PLANTS

Seedlings grown from the finest strain of carnation seed obtainable. Mixed colors. Will bloom this year. **Per doz. 50c.**



CARNATIONS

Centaurea

(*Montana*.) **Giant Cornflower**. This hardy perennial has a large blue flower that resembles the common Bachelor's Button, except in size.

Columbine or Aquilegia

One of the daintiest and prettiest of all the hardy perennials. The flowers come in late spring and early summer in a gorgeous array of shades and colors. Our plants are grown from the famous Mrs. Scott Elliott strain which is unsurpassed either in the length of spurs or for color.

Carol Bells (Heuchera)

Many bright coral-red bell-shaped flowers in graceful panicles, which give a delicate and airy effect. Suitable for rock work or bedding.

Coreopsis

A free-blooming plant valuable alike for the flower bed or for cutting. Flowers rich golden yellow, semi-double.



BABYSBREATH



DELPHINIUM, PACIFIC HYBRID

DELPHINIUM

No flower in recent years has shown a greater improvement as a class than the Delphinium. Their immense spikes and beautiful colors make them indispensable for the perennial garden as well as for cut flowers.

PACIFIC HYBRID NAMED

Black Knight. The darkest color in the Pacific series.

Blue Bird. A clear, medium blue.

Galahad Series. A giant pure white.
Each 50c

Pacific Hybrids Mixed. A mixture of Pacific Strain color. Very fine. Each 40c; 3 for \$1.10; 6 for \$2.10; dozen \$4.00.

PINK DELPHINIUM

Ruysii Pink Sensation. (Plant Patent No. 324.) This fine Delphinium originated in Holland. Pink Sensation is the only hardy perennial pink Delphinium now available worthy of the name. The abundant, lovely bloom on sturdy stems are an interesting shade of salmon buff as they begin to open. This shade subtly passes to a charming salmon pink and finally the fully opened blossoms become a wonderful rose pink. Reaches a height of 2½ to 3½ feet. Each \$1.50.

Doronicum

A fine, hardy perennial with many large daisy-like flowers of bright yellow. Blooms in May and June.

Foxglove (Digitalis)

We offer a fine strain of this flower that is much improved in type of bloom. The flowers are like Gloxinias in shape and color.

Gaillardia (Blanket Flower)

A hardy and valuable perennial which produces many bright flowers on long stems, fine for cutting. Flowers are scarlet shaded to yellow. They bloom over a long period.

Geum

Pretty and valuable plants producing many cup-like flowers on long stems. Excellent for cutting.

Lady Stratheden. Double yellow.
Mrs. Bradshaw. Double scarlet.

Helenium (Helen's Flower)

Hardy perennials flowering from August to October. Valuable both as a garden and a cut flower. Glowing bronzy red petals with tip of golden yellow. Three-foot stems.

Hemerocallis

(Hee-mur-o-kal-lis.) Day Lily. One of the oldest of all cultivated flowers, having been cultivated in Asia in ancient times. There are many new varieties and colors. We offer several of the best known.

Flava 36". May-June. Clear lemon yellow.
Fulva 36". July. A colorful reddish-orange.



GAILLARDIA, DAZZLER

Hollyhock

(Chater's Double.) This fine old garden favorite needs no description. Our plants are grown from the finest strain of seed and will please the most discriminating. We offer the following colors:

Salmon - Newport Pink - White
Scarlet - Sulphur Yellow - Mixed



GEUM, LADY STRATHEDEN

Liatris

(September Glory.) This type was selected from a large number of seedlings because of its outstanding beauty. It has proved very popular as a cut flower. The purple flowers are produced on extra long spikes during late August and September.

Lily of the Valley

One of the daintiest and sweetest of the spring flowering plants. Bearing graceful, delicate bell-shaped white flowers. Perfectly hardy when once established. Will increase from year to year. **Pips: 6 for 65c; doz. \$1.25.**

Lupins

(Russels.) You will find in our reselected Russels Lupins gorgeous colors of blues, pinks, yellows, maroon and purples. Also bi-colors such as violet and white, blue and yellow, red and bronze, purple and cream, pink and white, etc. The spikes are 3 to 5 feet tall and all the blossoms open at one time. Mixed colors only.

Lychnis

A fine old fashioned flower that livens up the border in summer and early autumn.
Chalcedonica (Maltese Cross). Grows 3 feet tall, blooms June to August. Flowers fiery red forming a Maltese cross. Each 40c.
Viscaria Splendens (Ragged Robin). Bright rose flowers, 1 foot tall, blooms in spring. Fine for cutting and among shrubbery. Foliage almost evergreen. Each 40c.

Pampas Grass

Graceful creamy white blossoms borne on tall stiff stems. Very lovely when dried and colored in pasted tints, for winter decoration. We only have a limited supply. Each \$1.00.

Giant Pansy Plants

Fine large, sturdy plants, grown from a mixture of Maple Leaf, Geneva, Roggoli and Swiss Giants. If planted in partial shade blooms often reach size of teacup. 12 for 90c; 24 for \$1.75; 50 for \$3.40.

Penstemon

Garnet. Is neatly spreading in habit, and produces a succession of bloom from June until cut down by frost. Stems are 12-18 inches long, neatly populated by large, rich garnet colored flowers. They are fine for cutting as well as for border plantings.

Hardy Named Phlox

Perennial Phlox succeeds in almost any soil, but of course extra care in preparing and enriching the soil and watering plants in dry weather will result in better plants and flowers. If the first spikes of bloom, which usually appear in July and August, are removed as soon as over, the plants will produce a second supply of flowers.

Price: Named Phlox, all varieties, 40c each; 3 for \$1.10; dozen \$4.00—either all alike or assorted colors. All postpaid.

Apple Blossom. Soft apple blossom pink.

Brilliant. Fiery scarlet, darker eye.

Caroline Vandenberg. A fascinating shade of lilac blue. Enormous flowers.

George Stipp. Deep salmon, very fine.

Daily Sketch. Large trusses of lustrous pink with crimson-rose eye.

Mary Louise. Pure snow-white heads; individual florets are 2 inches.

Starlight. Rich velvet, with an almost perfectly shaped white star in the center.

Purple Heart. Deep blue purple.



PERENNIAL PHLOX



ORIENTAL POPPY

Oriental Poppy

These gorgeous spring flowers are often six inches across of vivid coloring, may be left undisturbed for years. Flowers are borne in May and June on plants 3 to 3½ feet tall.

Enchantress—34". Huge flowers of soft lilac rose. A unique color among poppies. A welcome contrast. **Each \$1.00.**

Gold of Ophir—35". A rich golden orange, develops into the nearest true yellow of any poppy yet introduced. **Each 75c.**

Jeanne Mawson—24". Shading from peach pink to deep coral rose. **Each 50c.**

Perry's White—26". Petals of satiny white each with a blotch of maroon at the base. **Each 90c.**

Wurtembergia—38". Petals like bits of China silk, a bright spectrum red with small blotch. Always admired instantly. **Each 50c.**

Blue Poppy of Tibet. The intense sky-blue flowers, 3 to 4 inches across, are on two to four foot stems from late spring until early summer. Pick a spot in the border protected from wind and sun and prepare the soil deeply. Provide good drainage in winter. Best soil is made up with leafmold, sand and good garden loam. Very rare. **Surplus Special, Each 60c; 3 for \$1.70.**



BLUE POPPY OF TIBET

Primroses

Primula in their varied forms and colors are among the earliest of spring flowers. They are ideal for shady spots in the rock garden or in the shade of evergreens and shrubs. They like a rich loam with leaf mold and peat moss.

Primula Polyantha. A low growing plant with heads of cheery flowers in the various shades of yellow, lavender, pink, red and blue. Sold in mixed colors only.

Primula Auricula (Evergreen Primrose). The hardiest of all primroses. Thick leathery gray-green leaves in rosettes, bearing large velvety flowers in yellow, blue, purple and rose in April through June. Sold only in mixed colors.

Juliae Wanda. A dwarf variety flowering in spring. Deep purple flowers cover the plant for weeks.



PYRETHRUM

Double Pyrethrums

We have a supply of fully double plants made from division. We list them in three separate colors. May produce semi-double flowers the first year after transplanting, but from then on we guarantee the plants to be double.

Purity. Double white, center feathered petals are tinted cream. **Each 75c.**

Phyllis. Double light pink, center somewhat lighter. **Each 75c.**

Phillip. Double American Beauty red with center petals tipped creamy white. **Each 75c.**

Pyrethrum

(Painted or Persian Daisy.) These plants are a fine mixture of doubles and singles, in a fine range of mixed colors. They make a wonderful cut flower. The fern like foliage is beautiful. **Each 40c.**

Scabiosa Caucasica

(Isaac House Strain.) This is a greatly improved strain of the well-known Scabiosa Caucasica. Colors range from white to darkest blue. A wonderful bloomer; 18 to 24 inches.

Shasta Daisy

These well-known daisies grow about 3 feet tall and produce many large white flowers on long stems throughout the summer. An excellent cut flower.

Esther Read. Pure white, high crested fully double. **Each 50c.**

Grand Marconi. Double Chrysanthemum-like flowers on 2½ foot stems. Will bloom continuously during summer months. **Each 50c.**



SCABIOSA, CAUCASICA

Statice Latifolia

(Great Sea Lavender.) An attractive and showy plant for borders and beds. The leaves are large and leathery. Stiff branched stems bearing large candelabra-like heads sometimes 2 feet across arise from the centers. The flowers, small purple-blue and attractive, are fine in bouquets and for winter use.

Stokesia

(Blue Moon.) The color is a very attractive shade of silvery blue with a lilac-blue suffusion at the center. The flowers are very large, open 5 inches across. An excellent cut flower, having stems 18 to 20 inches in length. Flowers freely and is a beautiful border plant.

Sweet William

We can supply this old favorite in mixed colors.

Thalictrum

(Dipterocarpum.) (Meadow Rue.) A new form of this graceful and dainty plant that grows about 4 feet tall. The foliage is fern-like and the flower a delicate violet mauve shade. **Each 50c.**

Tradescantia

(Spiderwort.) James Stratton. Deep Delphinium mauve flowers slightly shaded with rose. 16 inches. Spring and summer. **Each 40c.**

Tritoma

(Red Hot Poker or Flame Flower.) The early free-blooming qualities of this variety make it one of the best of the hardy bedding plants either single or in masses. On well established plants the spikes are about 3 feet tall, and the heads are a rich orange-scarlet.

Trollius

(Globe Flower.) Ledeburi. Large buttercup-like orange colored flowers borne on 3-foot stems. A fine cut flower for wet or moist locations. It will do well on any soil that does not get too dry during the summer months. **40c each.**

Valeriana

(Officinalis.) Hardy garden Heliotrope. A variety with cut leaves and large heads of rose pink with an exquisite heliotrope odor. Height, 3 to 4 feet.

Veronica

(Blue Spire.) A delightful 2-foot border plant with long spikes of deep blue flowers borne abundantly during July and August.



VIOLET

Violas

Smaller flowered than pansies and more persistent. Easily grown and dependable, and full of bloom all through the summer until hard frost if the faded blossoms are kept picked off. Fine for beds, rock gardens and edgings.

Jersey Gem (Blue Gem). Vigorous, compact sturdy plants covered with violet-blue blossoms from May till fall. **Each 25c.**

Chantreyland. True apricot colored, attractive flowers, medium size. **Each 25c.**

Lutea. The best pure yellow viola. **Each 25c.**
White Perfection. Pure white. **Each 25c.**

Violets

(Odorata) (Sweet Violets)

One of the most satisfactory and popular of all bedding plants. We offer three sorts:

Princess of Wales. Single violet blue. Fragrant. **Each 40c.**

Double Russian Violet. Double deep violet. Fragrant. **Each 50c.**

Rosina. Pink and old rose. Fragrant. **50c.**

Yucca

(Adam's Needle.) A plant with creamy yellow flowers on spikes up to 6 feet tall, with broad, swordlike evergreen foliage. It can be used either for lawn or rockery work.

Hardy

CHRYSANTHEMUMS



Notice: Chrysanthemum Plants will be sent from May 15 to June 15.

Price: Each 35c; 6 for \$1.85; Doz. \$3.50

Adoration. Large pink, cream back. Nice size flowers.

Amber Utopia. A very lovely light amber. Large flat flowers. A very special flower.

Bridesmaid. New 1946. Most delicate flesh pink suffused with cream and salmon. Large.

Bronze Buttercup. Rich deep bronze with golden buff reverse. A deep incurved variety. One of the finest of the early varieties ever raised, having won many awards.

Copelands Copper. Coppery rose, free flowering. One you will like.

Cranford Cream. Cream shading to primrose in center. Sept.

Dawn. Deep pink, silver reverse. A beauty.

Gold Standard. This is a true, early disbud-ding variety. The color is as deep as it is possible to get in yellow, with broad florets. Does not fade in sun or rain. May be grown up to seven inches across.

Granny Scoville. Large fluffy flowers of warm coral bronze. Early.

Jim Thorpe. Large crimson; very attractive. A must in your garden.

Nellie Kleris. Lovely rose pink.

Primrose. An immense primrose yellow with incurving petals. By all means you should have this lovely variety.

Rose Glow. A raspberry rose color which shades to an opalescent rose, semi-double flowers 2 inches across.

Trigo. A very large and very early Chrysanthemum. It has broad incurving petals, is a solid bloom, almost a globe and is a deep yellow bronze.

White Frost. Large incurved white. A magnificent flower.

Yellow Gown. A grand variety of substance, semi-incurved flowers of good size. A heavy bloomer starting to bloom early and blooming right up until the last of the later ones. Stem, foliage and habits are perfect.

CULTURAL SUGGESTIONS FOR CHRYSANTHEMUMS

Plant in a sunny location, in any good garden soil with good drainage. If soil is too heavy, mix coarse sand, leaf mold, peat moss or well-rotted manure to a depth of 12 to 18 inches. Plant firmly at same level as growing before. Do not plant too deeply. May and early June are the best months for planting. Space the plants about 18 inches apart and water well. Do not let plants suffer for lack of water. Water at the root and do not wet the foliage if it can be avoided. The best time to water is in the early morning or evening. If the soil dried up too fast, it may indicate a lack of humus; in which case a top dressing of peat moss or well-rotted manure should be given.

OUR TWO POPULAR NOVELTIES

Fuchsia

This most interesting Dwarf Hardy Fuchsia, growing to about 18 inches high, has proven to be entirely hardy in our gardens. It is in bloom all summer long until stopped by frost. The ruby red pendant double flowers are produced by the hundreds, flowering in the full sun or shade. A most satisfactory plant for the border, rock gardens, porch boxes or mass planting. **Each 75c; 3 for \$2.00.**

Cyclamen (Hardy)

A most profuse flowering hardy Cyclamen. The small, deep rose, delicately sweet scented flowers are produced in the late summer and fall by the hundreds, followed by the abundant attractive Cyclamen foliage that remains over the winter. Each year the bulb grows larger and produces more flowers and foliage. A rare bulbous plant for the rockery or in front of the border or mass planting. **Each 75c; 3 for \$2.00.**

Smaller Size Plants. 3 for 75c; 6 for \$1.35

BEDDING AND PORCH BOX PLANTS

POTTED PLANTS

FUCHSIA

Graceful plants with many dainty drooping, brilliantly colored blooms. Excellent for bedding, porch and hanging baskets.

Firefly. Single pink.

Black Prince. Red with a purple bell.

Holstii. Pure white with pink bell.

Constance. Pink. Double lavender bell.

Winston Churchill. Red. Double lavender center.

TRAILING FUCHSIA

Red with purple bell.

All Fuchsias 40c; 3 for \$1.10; 6 for \$2.10

GERANIUM

Finest of all bedding plants in brilliance of bloom and hardiness.

Double Sorts

Castelane. American Beauty shade.

Fiat. Intense dark salmon pink.

Apple Blossom. Fine light pink.

Micell's Sensation. Brick red.

Radio Red. Intense deep scarlet.

Single Sorts

Fire. Brilliant red.

Gertrude. Clear pink.

Kavoleski. Brick salmon-red.

Each, postpaid, 40c; 3 for \$1.10

ICE PLANT

Thick leaves, plant drooping. Flowers pink.

HELIOTROPE

Flowers violet purple and very fragrant.

LANTANA

Dainty plants 12 to 18 inches tall, bearing a profusion of bright two-toned flowers. We have them in two colors: Salmon and orange.

PETUNIA

We offer these favorites in 2½ inch pots.

World Beauty. Shades of pink, fully double. **Each 40c; 3 for \$1.10.**

Giants of California. Giant ruffled mixed, all colors. **Each 40c; 3 for \$1.10.**

BEDDING ANNUALS

If you cannot grow Aster plants owing to the presence of fungus diseases in your soil, you will be pleased with the results obtained with our wilt-resistant plants.

Aster (Improved Crego). Large 4 to 5 inch flowers, with long ribbon like gracefully curved and twisted petals, giving them a fluffy appearance. Long stems fine for cutting. The plants are strong growing. **Mixed Colors only, dozen 50c.**

Aster (American Branching) (Wilt Resistant). From midsummer until frost these asters produce a profusion of beautiful flowers 3½ to 4 inches across and fully double. The plants grow 2 to 3 feet tall and branch freely. **Mixed Colors only, dozen 50c.**

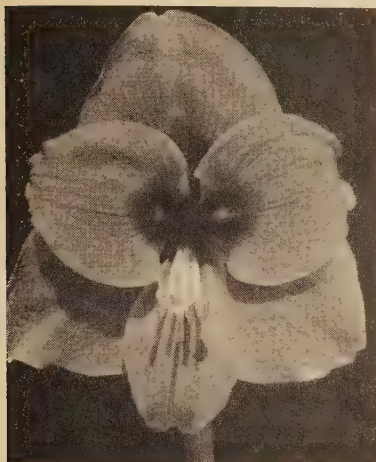
Snapdragons (Giant Flowered Rustproof). We offer these fine new disease resistant plants this year in mixed colors only. **Per doz. 50c.**

Stocks (Giant Perfection). A wonderful mixture of this fine strain of Perpetual Branching Stocks with a high percentage of doubles. A fine addition to any flower garden. **Mixed colors. Per doz. 50c.**

PETUNIA (Fire Chief)

Petunia Fire Chief is the reddest petunia you ever saw. Compact plants of erect habit covered throughout the season with brilliant single red flowers. **Per doz. 65c.**

MISCELLANEOUS BULBS



AMARYLLIS

Amaryllis

(Giant Hybrids.) Easily grown, showy plants with beautifully formed lily-like flowers of immense size and the most perfect form. Colors range from the richest self-colors as scarlet, crimson and bright red, to rose, red and crimson markings on pure white grounds. Several flowers are usually produced on each spike. Plant one bulb to a pot. Mixed colors. Large bulbs. **Each 50c.**

Anemone

Anemone (Monarch de Caen). A magnificent robust growing strain of Poppy Anemone with immense saucer-shaped flowers of the most brilliant colors from pink to beautiful shades of blue and scarlet borne on long stiff stems. **6 for 45c; dozen 85c.**

Anemone (Blue Poppy). A most attractive strain of beautiful blue poppy type Anemone with large flowers. **6 for 45c; dozen 85c.**

Anemone (His Excellency). A grand variety with Poppy type flowers of the most vivid scarlet with silver-white base and black central boss measuring 3 inches across. **6 for 45c; dozen 85c.**

Anemone (St. Brigid). Mixed. Large semi-double flowers of the most brilliant hues and delicate shades of colors, including a good proportion of rose, pink, lavender and blues. **6 for 45c; dozen 85c.**



DOUBLE CAMELLIA TUBEROUS BEGONIA

BEGONIA OFFER

All Types and Colors Mixed
Except Hanging Basket

ALL LARGE BULBS

Guaranteed to Bloom

12 for \$2.35

25 for \$4.50

Tuberous Rooted Begonias

Culture. A popular method of culture is to provide a pan or box, and cover the bottom to the depth of one inch with peat moss, placing the bulb immediately on top and then covering with still another layer of peat moss. They should be kept moist and moderately warm. As soon as roots appear plant in pots in a light soil, one inch below the surface, and water cautiously until plant has shown growth, then increase the amount. Good drainage is essential.

While professional gardeners start tubers in pots indoors during early spring, the dormant bulbs may be planted 10 inches apart in the open ground during May with excellent results. They will thrive in partial shade. Planted on the north side of a house they will make a beautiful display and in those places where hardly any other flower will bloom satisfactorily.

Double Camellia Flowered. We offer the following colors:

Orange
White
Yellow

Pink
Rose
Scarlet

Mixed

Large bulbs. **Each 30c; 6 for \$1.75; 12 for \$3.25**

Hanging Basket Begonias

This is the Pendula or Lloydii type. It is an unsurpassed strain containing double flowers only. Often hundreds of blossoms to the plant. Excellent for hanging baskets, window and porch boxes. Also fine in the rock garden. Sold in the following colors: red, pink, orange, yellow, white and mixed. **Each 30c; 6 for \$1.75.**



CANNA



RANUNCULUS

Ranunculus

Ranunculus (Tecolote Giants). By far the largest and most magnificent strain of Ranunculus. Flowers are very double, blanded with semi-double; centers are usually light green. Mixture contains a beautiful range of colors. **6 for 45c; dozen 85c.**

Separate Colors: Red, Pink and Orange, **6 for 50c; dozen 95c.**

Montbretias

This delightful bulbous plant blooms from July until frost and is excellent for cutting. Bulbs should be planted outdoors during Feb.-March. Depth 2 inches.

Earlharm Large Flowered Hybrids. They are a completely new race, being generally much taller and more robust in growth, and having flowers of great size and beauty; some measuring 3 to 4 inches. Special Mixed. **3 for 55c; 6 for \$1.00; doz. \$1.80.**

Cannas

These showy Cannas need warm locations for best results. We offer this year dormant root divisions of three of the best known varieties. These divisions should be sprouted in flats or pots during March or April and set out in beds when the soil has warmed up.

Prices: Each 20c; 6 for \$1.15; doz. \$2.00

King Humbert. Red—4 feet. Scarlet flowers, bronze leaves.

Hungaria. Pink—3½ feet. The best pink, with bluish green leaves. Flowers very large.

Yellow King Humbert. 4 feet. Foliage very dark green; flowers deep rich yellow, softly spotted with bright red.



HANGING BASKET TUBEROUS BEGONIA

GENERAL GLADIOLUS LIST

The Cream of the World's Best Varieties

SOME RECENT INTRODUCTIONS

Abu Hassan. Clear dark blue. Open several medium size blooms on a tall straight plant. 6 for 55c; 12 for \$1.05.

Elizabeth the Queen. Very large ruffled clear lavender with a touch of rose in the throat. Plants are medium tall with a long flower spike. 6 for 55c; 12 for \$1.05.

Ethel Cave Cole. One of the finest new light pinks. Large round blooms with many open. Tall plants with long straight flower spike. Good grower. 6 for 50c; 12 for 95c.

Harry Hopkins. Large Bordeaux wine red with slight purplish shading. Open 6-8 well-placed blooms on a tall strong stem. Very nice. 6 for 55c; 12 for \$1.05.

Leading Lady. Tall, creamy white, that is tremendously popular, especially as a cut flower. 6 for 55c; 12 for \$1.05.

Lady Jane. Large clear cream with yellow on the two lower petals. Six to eight well placed blooms open at once. Tall plants, long flower spike. 6 for 50c; 12 for 95c.

Lavender Dream. Clear light lavender, with darker lavender streaks. Huge flowers, many open at one time. 6 for 55c; 12 for \$1.05.

Mansoor. Blood red on brown ground overlaid by a dark brown glow. Some might call this a smoky. 6 for 55c; 12 for \$1.05.

New Europe. Bright orange scarlet. Nicely ruffled, with 6-8 flowers opening at one time on a tall straight stem. 6 for 50c; 12 for 95c.

Salman's Glory. Early, large creamy white with large showy red blotch edged yellow. Very tall strong grower with up to 7 huge flowers open on a tall strong plant. 6 for 55c; 12 for \$1.05.

Spotlight. Clear medium-deep golden yellow with a small feathered blotch of scarlet. Large blooms, about 6-7 open at one time and about 18 buds. 6 for 55c; 12 for \$1.05.

TIME PROVEN FAVORITES

Bagdad. Smoky old rose, deeper at edge of petals and lighter in the throat. Lip petals have a faint creamy blotch marked with pencilings of begonia-rose. 6 for 50c; 12 for 95c.

Barcarolle. Clear, large, ruffled grenadine orange of an absolutely clean, clear shade. 6 for 50c; 12 for 95c.

Beacon. Clear bright scarlet with large cream blotch. Eight to ten partially ruffled blooms borne on a straight stem. 6 for 50c; 12 for 95c.

Betty Nuthall. A warm light coral with pale orange throat and a light feathering of carmine. The flowers are often 6 inches across. 6 for 50c; 12 for 95c.

Commander Koehl. A beautiful large clear light blood red. Probably the best variety in its color. Tall, straight, massive spikes, many open at a time. 6 for 50c; 12 for 95c.

Chief Multnomah. Reddish smoky with a cherry blotch. Very large and fine. 6 for 50c; 12 for 95c.

Corona. Creamy white with rose picotee edge on all petals. Large flowers; long stems. 6 for 50c; 12 for 95c.

Dr. F. E. Bennett. Peach red overlaid with flame scarlet. The throat is striped ruby and white. Very large and striking. 6 for 50c; 12 for 95c.

Early Rose. Early. A splendid cut flower of blended rose shades. 6 for 50c; 12 for 95c.

Greta Garbo. Beautiful exhibition flower of rose buff tinted pink. 6 for 50c; 12 for 95c.

Margaret Beaton. Pure snow white with small orange scarlet blotch in the throat. Six or more large well placed blooms open on a long flower head. A strong grower. 6 for 50c; 12 for 95c.

Marguerite. Watermelon pink with cream throat. 6 for 50c; 12 for 95c.

Myrna. Heavy ruffled ivory white. Opens many well placed heavily ruffled blooms at a time. 6 for 50c; 12 for 95c.

Peggy Lou. Beautiful new light rose. Mid-season. Grows about 4½ feet tall. 6 for 50c; 12 for 95c.

Picardy. A truly sensational flower of delicate apricot pink. One of the finest gladioli in our entire list. 6 for 50c; 12 for 95c.

Recado. Rosy ash, flecked orange. 6 for 50c; 12 for 95c.

Red Phipps. A glowing scarlet. Has the good points such as size, length of spike and lasting qualities. 6 for 50c; 12 for 95c.

Rosa Van Lima. A very fine, large, light pink. Early. 6 for 50c; 12 for 95c.

Royal Gold. Extra fine light yellow with golden throat. Excellent placement and many open. 6 for 50c; 12 for 95c.

Shirley Temple. The flower is an immense ruffled cream of good substance, borne on tall spikes. 6 for 50c; 12 for 95c.

Snow Princess. Large milky white with creamy throat. Early bloomer. Is one of the most popular white cut flowers. 6 for 50c; 12 for 95c.

Takina. An unusual and striking purple of great size. 6 for 50c; 12 for 95c.

White Gold. A very large clear light cream shading to a golden throat. Four to six huge well placed blooms open on a long head. Can be grown to produce amazing spikes of bloom. One of the best creams. 6 for 50c; 12 for 95c.

Yellow Emperor. Large, soft yellow, medium early. 6 for 50c; 12 for 95c.

Treatment of Gladiolus Bulbs for Thrips

A good treatment to give the bulbs just before planting is the use of Lysol solution. Mix 4 teaspoonsful of Lysol to 1 gallon of water. Soak the bulbs in this solution for 3 hours or more.

We have had good success with a spray containing D.D.T. for Thrip after the bulbs have been planted. Start spraying when the plants are 6 to 8 inches high, one application every 10 days, until the buds appear and then the spraying can be discontinued. We have D.D.T. in the liquid, Pest-B-Gon. Refer to page 37.

3 COLLECTION VALUES FOR 1951

Rainbow Gladiolus Mixture

Hand selected from our list. All No. 1 bulbs.
12 bulb order, 1 each of 12 varieties, \$.95
25 bulb order, 1 each of 25 varieties, 1.85
50 bulb order, 2 each of 25 varieties, 3.65
100 bulb order, 4 each of 25 varieties, 7.25

Fancy Mixture

A field grown mixture. Contains a complete color range of proven, outstanding varieties, all topnotchers. 12 for 80c; 25 for \$1.55; 50 for \$3.00; 100 for \$5.75.

Special Collection of Recent Introductions

3 each of 11 listed varieties, 33 bulbs for \$2.65
6 each of 11 listed varieties, 66 bulbs for 5.15



LEADING LADY

IRIS — Tall Bearded

No shipment of Bearded Iris until after July 1. Iris do best when planted during July, August and September.

Amigo. Standards of clear light violet-blue; falls intense violet-purple edged the color of the standards. 34 inches tall. **Each 75c.**

Blue Velvet (Loomis) 42". Petals similar in shade and texture to deepest blue velvet. **Each 50c.**

Burning Bronze (Ayres) 40". A rich and brilliant blazing metallic red bronze that glows like a curing torch. **Each 50c.**

California Gold. Deep glittering yellow, of very large size, and surpasses everything in its color. **Each 50c.**

China Maid. Shades of pink, golden copper, and lilac smoothly blended together. Very large size and fine form. **Each 75c.**

Copper Lustre. Dykes Medal Winner. It positively glows in its bright copper, gold, and pinkish tan blendings. **Each 50c.**

Dauntless (Connell) 41". The finest low-priced red variety. For those who desire two good reds, we recommend this variety and Indian Chief. Dykes Medal Winner. **Each 50c.**

Dogrose. Deep rose-pink self on very tall wiry stems. A very free bloomer of medium size. A colorful pink. **Each 50c.**

Elmohr. A magnificent new Iris. The color is a very rich red-violet of Bishop's purple. The stems are at least 3 feet tall with many branches and a great number of huge blooms. **Each \$1.00.**

Far West. One of the loveliest of all blends, a rare medley of salmon and golden sand, of coral and henna, with a soft glow at the heart. It is of bold and sturdy growing habit. **Each 50c.**

Gudrun. Enormous white, with petals like those of a magnolia. A warm or creamy white, with brilliant orange beard and a slight gold dust sprinkling over the entire bloom. **Each 50c.**

Grand Canyon. An odd blend of deep tones of plum and copper and gold. About 41 inches tall, perfectly branched, with blooms of very large size, which hold up well in any weather. **Each \$1.00.**

Great Lakes. Clear uniform light blue. A broadly spreading regal type of flower, with handsome foliage and four-foot stalks. **Each \$1.00.**

Illusion. Orchid pink seedling of Ormohr. The delicately colored flowers have a tawny brown overlay on hafts and a brown tipped beard. **Each \$5.00.**

Indian Chief (Ayres) 36". One of the finest reds in the garden, regardless of price; a most popular sort. **Each 50c.**

Kalinga. Huge cream self, outstanding not only as an exhibition flower but as a garden specimen as well. The broad, spreading, ivory-textured blooms generally come out in groups of three or four at the same time. **Each 50c.**

Los Angeles (Mohr) 46". Great satiny white flowers, faintly edged with blue. Popular sort. **Each 50c.**

Mexico. Gay and brilliant, a blended bi-color of buff golden standards and broad plush-like falls of glowing red-brown, bordered and blended golden buff. A gigantic flower with fall slightly crinkled and waved at the edges. Very late bloomer. **Each \$2.00.**

Miss California 48". Gigantic lilac pink, with the growing habits of Dauntless, one of its parents. While not the "pinkest" iris the shade is quite novel which is usually classed as orchid pink. **Each 50c.**

Mohrson. A deep violet colored seedling of Wm. Mohr, with darker veins and a rich bronzy gold beard. **Each 50c.**

Naranja. The first iris of huge size with a definite orange tone. Falls are orange, with a yellow heart and the standards are bright empire yellow, the beard orange yellow. **Each 50c.**

Ormohr. One of the largest irises in existence. A seedling of Wm. Mohr. The color is pale lilac with a silvery cast, veined violet. **Each 50c.**

Prairie Sunset. The blendings of peach, apricot, rose, copper and gold are so well done that one is at a loss to describe it adequately. A fine big flower. **Each \$1.00.**

Purissima (Mohr) 40". Pure cold white. One of the finest whites yet. **Each 50c.**

Rameses (Sass) 38". A symphony in rose, pink, and buff, shading to yellow near edges. Apricot beard. American Dykes Medal Winner. **Each 50c.**

Red Dominion (Ayres) 40". Luxurious red velvet, the shade of a glass of fine wine with the light shining through it. **Each 50c.**

Rosy Wings. Winner of the Dykes Medal. A blend of rose and copper with excellent form, flaring falls, large size. 40-inch stem. A profuse bloomer and easy grower. **Each 50c.**

Sierra Blue (Essig) 50". A soft, clear, enamel-like blue. This Iris was recently awarded the Dykes Medal. It is of tall and stately habit and carries many buds to the stalk. **Each 50c.**

Snow Flurry (Rees, 1939). Standards pure icy white, beautifully ruffled. Falls big, broad and pure white. They are waved and crimped at the edges, produced abundantly on 4 ft. stems. Early and long lasting. **Each \$1.50.**

The Black Douglas. Large blackish purple of even tone, different in its "black" effect in that it is on the red-purple side instead of being blue-purple. Medium height, fine form. **Each 50c.**

Wabash 40". Large flowers with clean white standards and bright purple falls beautifully margined. A gorgeous Iris. **Each 75c.**

William Mohr (Mohr) 30". Large blossoms of pale lilac, netted and veined violet. Unique. **Each 50c.**



AMIGO

Early Flowering Miniature Iris

These hardy, dwarf Iris are one of the most inexpensive, long lived edging plants in cultivation. They multiply rapidly, bloom profusely, require no care but can be counted upon to take care of themselves. They have in miniature form all the characteristics of the tall Bearded Iris. They begin to flower in April and continue well into May.

Atrovioleacea. The earliest of the Pumilas. Rich red purple.

Sambo. Dark violet blue, very distinct and showy.

White Queen. Out with the first good week of spring. Finest white.

Yellow. Very fine deep yellow.

Prices: Each 60c; 1 of each \$2.20



MINIATURE IRIS

Our July Collection

10 FINE IRIS — \$5.50 VALUE — FOR \$3.00

During our digging season in July and August we offer 10 Fine Bearded Iris (all labeled, all different). This offer includes a 75c Amigo and a 75c Wabash. A \$5.50 value for \$3.00. Please order early as these collections are limited. Orders will be shipped in July, the proper planting time for Iris.

Each Collection \$3.00

PEONIES

Peonies do not bloom well the first year but improve rapidly when established.

Peonies are easily grown almost anywhere in ordinary garden soil, the principal thing to remember in planting is to see that the eyes are not more than an inch or two below the surface. Too deep planting is the most common cause of failure to flower. The varieties here listed will all flower profusely, increasing in beauty from year to year and may be left undisturbed for 20 years.

While Peonies give best results when fall planted, in this climate they may be planted any time during winter up until about April 1, with average weather.

Mme. de Verneville. Fragrant flowers, very full double pure white with center delicately tinted blush. Early bloomer. **Each \$1.00.**

Duchess de Nemours. White guards with a moderately full center of light canary-yellow, deepening to pale green at base of petals. Blooms double, large and fragrant. **Each \$1.00.**

Edulis Superba. A very early, bright, clear rose pink peony with silvery reflex that blooms about Decoration Day. One of the most fragrant sorts. **Each \$1.00.**

Felix Crousse (Crousse, 1881). Rose type; late mid-season. Its large, globular flowers, solid and compactly built from edge to center, are a rich, brilliant dazzling ruby-red. **Each \$1.00.**

Festiva Maxima. This is without doubt the finest medium-sized white peony in existence. The enormous flowers are snowy-white, with flecks of purple on some of the center petals. Very fragrant. **Each \$1.00.**

Therese (9.8). The second highest rated Peony and considered the world's best pink. Very large, rose-type with a delightful fragrance. Equally fine for landscape or show purposes. Mid-season. **Each \$1.50.**

Monsieur Jules Elie. Mid-season, bomb type. This is the king of all peonies. The immense flowers are glossy lilac pink shading to deeper rose at the base. The entire flower is overlaid with shimmering silver sheen that makes it truly a wonderful peony. **Each \$1.25.**

Solange (9.7). Flower very large, compact; rose type; outer petals delicate waxy white, deepening toward the center with shades of orange and golden brown. A late, free bloomer. **Each \$1.50.**

Pictured below: PEONIES

Albert Crousse (8.6). Fragrant, large, soft rose pink. An exceptionally fine late flowering variety. **Each \$1.00.**

Baroness Schroeder (9.0). Rose type; late. White with shadings of flesh. This is one of the finest Peonies. Very fragrant. **Each \$1.00.**

Special Peony Collection

Albert Crousse. Tall, pink late, excellent cut flower.

Mme. de Verneville. Double pure white, with center tinted blush.

Felix Crousse. Ruby red, late mid-season; standard red for cutting.

Mons. Jules Elie. Very large, rose pink, early, good cut flower.

Solange. Creamy white, late.

\$5.75 Value for \$4.75

CHINESE TREE PEONIES

(*Paeonia Moutan*)

Tree peonies are so new and rare at this time that we offer only four of the most reasonably priced sorts. We have fine plants that are now two years old. All should bloom the first year after planting. Stock is limited so that we will fill orders only as long as good plants are available. They are a fine addition to the garden as they do not die down like the herbaceous sorts, but make fine bushes 3 to 4 feet in height, covered every spring with elegant flowers.

Athlete. Immense double flower of fine glazed mauve, shaded rose; vigorous and prolific grower. Blooms very freely. **Each \$4.00.**

La Lorraine. Large, well expanded full double flowers of good substance; the petals nearly imbricated, being soft sulphur-yellow with a salmon tinge when opening, becoming lighter and purer when fully expanded. **Each \$6.50.**

Reine Elizabeth. Flowers perfect in shape, vivid salmon pink. A brilliant color; considered among the finest of all double Tree Peonies. **Each \$4.50.**

Souvenir de Ducher. Large, globular bloom, bright reddish violet with silvery reflex. **Each \$5.00.**

CULTURE OF GARDEN ORCHID

Last of the Iris to bloom in the point of season. The flowers are flat and wide, often measuring 10 or 12 inches across, appearing in great profusion during June and July. Give good, rich light soil, plenty of water and frequent cultivation. We offer a wide selection of colors and all of the newer varieties.



GARDEN ORCHID

GARDEN ORCHID

Prices: Each 60c; 3 for \$1.65

Koko-No-Iro. Enormous double flowers often 10 inches across, early. Color rich violet-purple with the white petaloids tipped violet. The conspicuous golden throat extends outward in sharp bluish-white rays.

Kumchii Gumii. It is a six-petal rich, dark blue, almost midnight. A high yellow tufted crown makes it exotic in a very distinguishable oriental way.

Lucia Marshal. Large double pansy violet with white vein. Center of the flower white with yellow spots.

Momyi-No-Taki. Early flowering six petal type. Very large dark ruby flowers with gold center.

Patrocle. A single superb dark violet. This is one that commands attention in your garden because of its absolute distinct flower. The small petaloids are rounded and crinkled.

Rose Anna. Double ivory white, heavy ruby red veins, conspicuous yellow blotch. Stigmas dark plum.

Sigo-No-Urinus. Double striking purple with high tufted center.





DECORATIVE DAHLIA

Culture. Plant 2 to 3 feet apart in holes about 4 to 6 inches deep, laying the bulbs flat with the eye uppermost.

Never allow fertilizer to come in contact with the bulb or plant. Allow only one shoot to grow and disbud for large blossom and long stems.

DECORATIVE DAHLIAS

Fully double flowers, rays generally broad, either pointed or rounded at tips, with outer floral rays tending to recurve and central floral rays tending to be cupped, all floral rays in somewhat regular arrangement.

The Real Glory. A pure waxy white of good size, notable for its exceptional substance and keeping qualities. Flowers are well formed and carried on perfect stems. Strong grower. Outstanding white. **Each 75c.**

Admiral. The large blooms are a brilliant orange, on stiff erect stems. **Each \$1.00.**

Pink Giant. This brightest of pink tones has long been lacking in a good dahlia. Long, erect stems. **Each 75c.**

Clara Carder. Immense rose pink blooms on strong, erect stems. **Each 75c.**

Le Toreador. A bright crimson that will give a startling display with its huge well formed flowers. **Each 75c.**

Mrs. Geo. Le Boutillier. Rich velvety carmine blooms, giant in size and outstanding in every way. Healthy, vigorous grower and winner of many prizes. **Each 75c.**

Nathan Hale. Bronze flowers of substantial size, borne in great abundance. **Each 75c.**

Tearose. One of the best yellows we have seen. Nice foliage. Good grower. **Each \$1.00.**

Margaret Cole. A good bi-color; orange yellow tipped. Free flowering. **Each 75c.**

Fred Springer. Rich red, medium size blooms. Strong stems. Medium height plant. **Each 60c.**

CACTUS DAHLIAS

Fully double flowers with the margins of the majority of the floral rays revolute for one-half of their length or more; the floral rays being recurved or straight.

Bellego's Surprise. White. A vigorous grower. **Each 75c.**

Nirvana. Apricot, very nice. **Each 75c.**

Orange Imperator. Orange red. **Each 75c.**

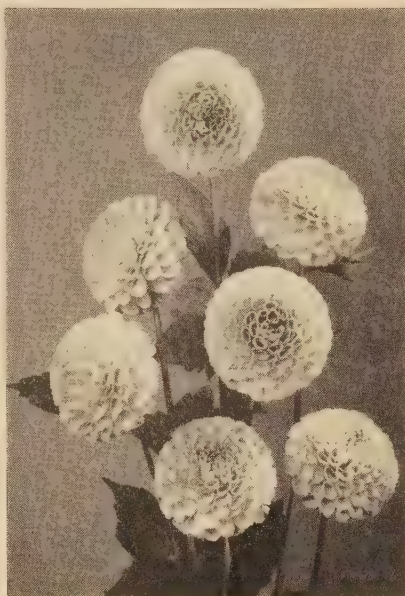
St. Therese. Light pink, white center. **75c.**

Yellow Wonder. One of the best yellows. **Each 75c.**

Your Lucky Star. Lavender and white. **Each 75c.**

DAHLIAS

Order Dahlias Early. We Ship at Planting Time



POMPON DAHLIAS

POMPON DAHLIAS

Pompon Dahlias have been favorites with many flower lovers and Dahlia fanciers in the past and they still hold their own. They grow so freely and require so little care after planting, and still they bring forth a wealth of bloom, rewarding the grower with an endless supply of gorgeous cut flowers during late summer and fall.

Apricot. Fiery orange and yellow. **50c.**

Helen Anita. Pink, with white center. **50c.**

Lamplight. Clear light pink. **Each 50c.**

Little Herman. Red and white. **Each 50c.**

Joe Fette. White. Near perfect. **Each 50c.**

Mary Mums. Fuchsia to deep orchid. **50c.**

Yellow Gem. Very nice yellow. **Each 50c.**

Morning Mist. Lavender-white. **Each 50c.**

Doria. Deep maroon, long stems. **Each 50c.**

Little David. Burnt orange. **Each 50c.**

Bronze Beauty. Bright buff deepening to a rich brown shade. **Each 50c.**



CACTUS DAHLIA

MINIATURE DAHLIAS

These small type Dahlias have become popular owing to their usefulness. Can be planted in garden, border or beds fairly close, about 20 to 24 inches apart. Their freedom of bloom and keeping a long time when cut makes them ideal for arrangements.

Miniature Dahlias are vest pocket size of all types of dahlias.

Animato. Clear light pink Cactus. **Each 50c.**

Andries Orange. Orange Cactus. **Each 50c.**

Bishop of Llandaff. Bright scarlet with deep garnet center. **Each 50c.**

Fairy. Small rounded flowers about 2 inches across, pure peach-blossom pink. **Each 50c.**

Little Diamond. Pink Cactus. **Each 50c.**

Peace. White Cactus. **Each 50c.**

Passerpartout. Fine red. **Each 50c.**

White Fawn. New, fine white. **Each 50c.**

DAHLIA COLLECTION

This collection is made up from the above listed tubers. Our selection; no two alike, all named. Includes three Decorative, three Cactus, two Miniature, and two Pompon. A \$6.50 value for \$5.00. **Each collection \$5.00.**



MINIATURE DAHLIAS

CAMELLIA
KUMASAKACAMELLIA
FINLANDIA

CAMELLIAS

One of the most beautiful broad leaved evergreens. They have large, waxy flowers of delicate, but exquisite form. Camellias are increasing in popularity on the Pacific Coast where they are right at home. Popular for corsages. Our plants average 15 to 18 inches in height and are good hardy bushes.

Chandleri Elegans. Great seven-inch flowers of cherry red lightly splashed with white. One of the largest and most spectacular of the peony flowered camellias. **Each \$4.00.**

Cheerful. Clear bright rosy-red flowers that are very double and appear in mass profusion. One of the earliest and best known in this region. **Each \$3.25.**

Colonel Firey. Very large, extremely double flower, with many small petals of glowing rich crimson. A late bloomer. **Each \$4.25.**

Finlandia (Dearest). White, large semi-double with swirled petals. An exceptional white, a real beauty. **Each \$4.25.**

Grandiflora Rosea. Enormous semi-double flowers with large petals and small stiff clusters of golden stamens. Rose pink. **Each \$4.25.**

Julia Drayton. Double red, blooms of exceptional beauty. The petals are wide and lie more or less flat, showing a golden column of still upright stamens. The foliage is large, dark and handsome. **Each \$4.25.**

Kumasaka. Rose pink blooms of giant size. Peony type. Prolific bloomer. **Each \$4.25.**

Mikenjaku. One of the most striking of all the Camellias. The very large semi-double flowers with prominent stamens, have thick, wavy petals. Color, deep rose splashed with white, prominent stamens. **Each \$4.25.**

Pink Perfection. Double shell pink. It has medium sized flowers of dainty form. Blooms early in the spring and continues in profusion for a long time. **Each \$3.25.**

Purity. Very double, symmetrical, pure white star-shaped flowers. It resembles a gardenia and is often used for corsages. **Each \$3.25.**

CAMELLIA and RHODODENDRON FERTILIZER

A special Fertilizer that has been developed for home and commercial use where an acid forming formula is needed. Widely used and recommended by Garden Clubs and other expert growers everywhere. Its use will help avoid costly failures.

5-lb. pkg. 95c, Postpaid in 1st, 2nd and 3rd zones only

We are offering this spring some of the better grades of Camellias in the smaller sizes. These plants average from 10 to 12 inches high and should all bloom the year following planting. In this list you will find some of the new and unusual types.

Chandleri Elegans. Rose pink with white variegations, very large anemone type. Early to mid-season blooming period. **Each \$1.75.**

Cheerful. Cherry red, medium rose form, vigorous upright growth. **Each \$1.50.**

Colonel Firey (C. M. Hovey). Dark red, large formal double, vigorous slender growth. Most admired. Mid-season bloom. **Each \$1.80.**

Daikagura. One of the earliest blooming camellias. Flowers large, thick peony type, deep rose color with large white blotches, sometimes imbricated. **Each \$1.75.**

Debutante. Delicate light pink, large full peony, upright growth. Early to mid-season bloom. **Each \$2.25.**

Emperor Wilhelm. Rose red blotched white, very semi-double to peony, vigorous upright loose growth. Mid-season. **Each \$2.50.**

Finlandia (Dearest). White, large semi-double flowers with large swirled petals. An exceptional white, a real beauty. **Each \$1.50.**

Francine. Rose pink, very large anemone type. Bushy growth. Late. **Each \$1.75.**

Grandiflora Rosea. Clear rose-pink with mass of stamens and petaloids in center, huge semi-double. Mid-season. **Each \$1.75.**

Julia Drayton. Scarlet, large petals, very large rose form. Midseason. **Each \$2.00.**

Kumasaka (Lady Marion). Clear pink, rose-form showing some stamens interspersed with petals. Midseason. **Each \$1.75.**

Nagasaki (Candida Elegantissima). Rose pink, high center, blotched white, large semi-double peony. Early to midseason. **Each \$1.75.**

Pink Perfection. Shell pink, medium formal double, upright growth. **Each \$1.50.**

Purity. White, very symmetrical rose form, pointed petals. **Each \$1.50.**

Stardust. Large semi-double peony type, bright pink. Midseason. **Each \$1.50.**

Victor Emanuel (Blood of China). Rose red, large semi-double peony. Late. **Each \$1.75.**

Camellia Collection

Bushy Plants, 10-12 Inches, Some Budded

Grandiflora Rosea. Rose pink. Semi-double.

Kumasaki. Peony type. Giant size. Deep pink.

Victor Emanuel. Rose red, large semi-double peony type.

Collection One of Each \$4.50

RHODODENDRONS

All Rhododendrons offered in this list are grafted on selected stock to insure vigorous growth, sturdy root system and profusion of flowers each year. Special size plants for bargain prices.

Alice. A rich brilliant pink with large conical trusses. One of the finest pinks; very free flowering. An outstanding plant. 10-12 inch plants. **Each \$2.75.**

Cynthia. Large rose red flowers. An excellent grower. 12-14 inch plants. **Each \$2.75.**

J. H. Van Ness. Soft red. Handsome foliage. Compact growth. 8-10 inch plants. **Each \$3.25.**

Pink Pearl. Very vigorous growers with large trusses of delicate shell pink flowers in May. Very profuse. 12-14 inch plants. **Each \$2.75.**

Unique. Creamy yellow, compact habit, attractive foliage, 6-8 inch plants. **Each \$3.00.**

Unknown Warrior. Compact growing with handsome long pointed leaves and fiery red blossoms in April. 8-10 inch plants. **Each \$3.25.**



RHODODENDRON, PINK PEARL

HARDY SPRING-FLOWERING SHRUBS



DWARF DAPHNE CNEORUM

Unless a very immediate effect is required sufficient space should be allowed between flowering shrubs to permit of full development—3 feet for dwarf varieties and 5 feet for the taller ones.

The early blooming habits of most varieties make a fine combination with the early flowering bulbs for which they form splendid backgrounds.

Almond, Flowering

The flowers are borne on its slender branches during May, and are very fragrant. Matured height 5 to 6 feet.

Pink. Double flowering; pink. 2 to 3-foot plants. **Each \$1.25.**

Althea (Rose of Sharon)

The Altheas are among the most valuable of our tall, hardy shrubs on account of their late blooming, which is from August to October. We offer in two colors. 10 to 12 feet high when mature. Reds and purple. 18-24 inch plants. **Each \$1.25.**

Andromeda (Pleris Japonica)

Three to four feet when mature. Pretty low growing compact evergreen that likes partial shade and moist peaty soil for best results. Young branches are red. Blossoms in dense racemes of white flowers in spring. 12-15 inch plants. **\$2.50.**

AZALEAS

Attractive low growing shrubs belonging to the Rhododendron family and delighting in slightly acid soil. Should not be cultivated.

Evergreen Azaleas

Hinodegiri. Most showy of the Kurume Azaleas is this dwarf evergreen shrub. In April it is completely covered with bright red flowers. **Price \$1.50.**

Snow Azalea (Ledifolia Alba). Low growing evergreen azalea. Flowers snowy white making a very pleasing contrast with the more vivid types. **Each \$1.50.**

Poukhanensis. A compact low-growing azalea which in late May produces such a profusion of fragrant orchid-lavender flowers that the plant is entirely hidden by its blossoms. It is easily one of the best azaleas for form as well as color. **Each \$1.50.**

EVERGREEN AZALEA COLLECTION

One each of the above listed evergreen azaleas for only **\$3.75**



BUDDLEIA (Butterfly Bush)

Deciduous Azaleas

A. Mollis. Yellow to deep apricot—deciduous. 12-15 inches. **Each \$2.25.**

Altaclarensis. Fragrant. In many ways this deciduous azalea from China resembles Azalea Mollis. Flowers coppery-yellow. Makes an average height of 5 feet. **Each \$2.00.**

Schlippenbachi (Royal Azalea). This azalea has two outstanding qualities, fine fall coloring and large, delicate rose-pink flowers in late May or early June. The autumn foliage is a combination of crimson and gold. One of the easiest to grow. **Each \$1.50.**

New Red-Leaved Barberry

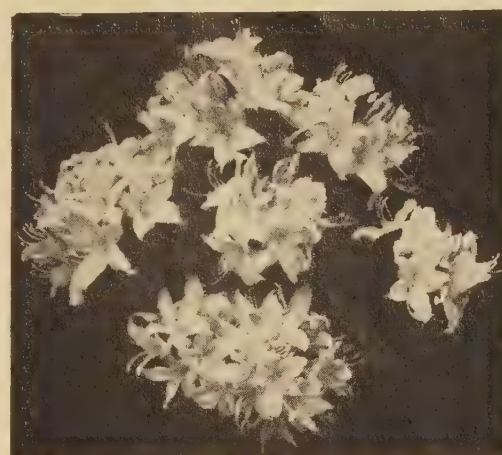
The finest shrub novelty of recent years. Identical with the Green-Leaved Barberry, except that the foliage is a rich, lustrous bronze-red which becomes more vivid as the season advances. 1½ to 2-foot, 2-year-old plants. **Each \$1.25.**



FLOWERING ALMOND

Deutzia

Pride of Rochester. A fine, tall-growing, double, white-flowering variety, 9 to 10 feet high when mature. 2 to 3-foot plants. **Each \$1.25.**



AZALEA ALTACLARENSE

Buddleia (Butterfly Flower)

Fortune (Patent No. 206). Flowers of pure lilac with brilliant orange eye; large fully round sprays nearly 2 feet in length. Fine cut flowers. Foliage deep leathery dark green. Prolific bloomer. 2-3 foot plants. **Each \$1.25.**

Charming. The finest of all pink Buddleias. Bears all through the late summer beautiful long sprays of lavender-pink blooms, extremely fragrant and very dainty in coloring. **Each \$1.25.**

Dubonnet. A new dark wine dubonnet colored Buddleia with firm, large spikes and individual flowers of good size that do not sunburn. **Each \$1.25.**

Daphne (Garland Flower)

Dainty low growing shrubs, bloom from very early spring to May and occasionally through the summer. All are hardy, they prefer a sunny location and good drainage.

Daphne Cneorum. Low spreading evergreen shrub seldom grows to over one foot in height, ideal for rock gardens where the fragrant pink flowers in spring and again in fall. 9-12 inch plants. **Each \$2.00.**

Daphne Odora. A most attractive bushy shrub. Deep green, glossy leaves and entrancingly beautiful sweetly scented wax-like flowers in late winter and early spring. Mature height 3 feet. 12-15 inch plants. **Each \$2.25.**

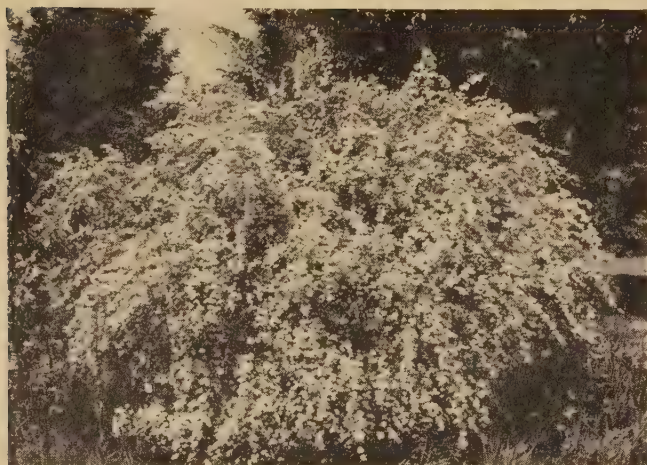
Mezereum (February Daphne). Generally in bloom from February to April. Its upright growing branches are literally covered with hundreds of rosy purple flowers making a rare and delightful sight. In the fall blooms are replaced by bright red berries. **Each \$1.75.**

Forsythia

A very decorative shrub with bright golden yellow, star-shaped flowers which burst into bloom at the beginning of spring while the bush is otherwise bare.

Suspensa (Weeping Golden Bells). A tall shrub of willowy growth, the branches gracefully arching. 4 to 6 feet high when mature. 2 to 3-foot plants. **Each \$1.25.**

Spring Glory. This new Forsythia is without question the loveliest of all. When seen in bloom it is a sight not easily forgotten, its large pale yellow flowers completely cover the branches in such masses that they literally bend with their weight. **Each \$1.50.**



SPIRAEA, VAN HOUTTEI

Hydrangea

Most popular of flowering shrubs.

Hydrangea. Blue or pink. Shipping size 12 to 18 inches. **Each \$1.75.**

Paniculata Grandiflora (Tree Hydrangea). Pure white, afterwards changing to pink. Shipping size 24 to 30 inches. **Each \$1.25.**

Heather

Johnson's. Upright growing. Bushy in habit with tall spikes of pinkish white blossoms in the fall and winter. Very choice and used a great deal for cutting. Large plants. **Each 85c; 3 for \$2.40.**

Mediterranean. Lavender pink bloom from late fall all through the winter. A compact low growing evergreen shrub suitable for slopes, banks, rock gardens and plants around the house. **Each 85c; 3 for \$2.40.**

Springwood. Dwarf growing winter flowering heather. Pure white flowers. Desirable for planting in rock gardens for winter color. **Each 85c; 3 for \$2.40.**

Vivelia. Winter flowering, dwarf growing heather. Rosy red flowers late winter and early spring. **Each 85c; 3 for \$2.40.**

Special—Any 4 for \$3.00

Kalmia

(Mountain Laurel). Related to the Rhododendron and making an ideal companion in the Rhododendron and Azalea planting. The leaves are similar in color, shape and texture but flat and pointed. Flowers delicate pink in good size clusters. Seldom grows to over 4 feet. 12 to 15 inch plants. **Each \$2.25.**

Kerria (Corchorus)

Japonica Flore-Pleno. Attractive golden yellow flowers are borne continuously from June to October. 4 to 5 feet high when mature. 18 to 24-inch plants. **Each \$1.25.**

Kolkwitzia (Beauty Bush)

Amabilis. Mature plants of this introduction appear like a cloud of beautiful pink when in flower. Attains a height of 4 to 6 feet. 18 to 24-inch plants. **Each \$1.25.**

Philadelphus (Mock Orange)

This old-fashioned sweet-scented shrub has long been a close rival of the lilac in popularity.

Virginal. This variety has large double white flowers. 10 feet high when mature. 2 to 3-foot plants. **Each \$1.25.**

Quince—Flowering

A showy shrub that blooms profusely in early spring; flowers dazzling scarlet. 4 to 5 feet high. 18 to 24-inch plants. **Each \$1.25.**

Tamarix—African, Pink

A graceful shrubby tree very small leaves and tiny clusters of lovely pink flowers. A dainty and exotic shrub. 2 to 3 feet. **\$1.25.**

Spiraea

Anthony Waterer. Color bright crimson. It is of dwarf, dense growth, and blooms the entire summer and fall. 3 feet high when mature 1½ to 2-foot plants. **Each \$1.25.**

Van Houttei. Of compact habit and, when in flower, the white blooms almost entirely cover the foliage. 8 feet high when mature. 2 to 3-foot plants. **Each \$1.25.**

Viburnum

Burkwoodi (Early Fragrant Pink). Waxy green foliage. Evergreen. Large clusters of waxy fragrant flowers, mauve pink, opening to pure white. Long lasting. **Each \$2.50.**

Plicatum (Common Snowball). The perfect balls of pure white flowers are borne in great profusion in May. 7 to 8 feet high. 18 to 24-inch plants. **Each \$1.25.**

Weigelia

These are among the most popular flowering shrubs, covered in May and early June by their large trumpet-shaped flowers.

Eva Rathke. Blooms all summer. The flowers are ruby-carmine. 5 feet high when mature. 18 to 24-inch plants. **Each \$1.25.**



WEIGELA, EVA RATHKE

CLIMBING VINES

Clematis

(Large-Flowered Hybrids)

The soil for Clematis should be well drained and of a light, loamy texture. It should be of good depth, as the plant dislikes limited root-space. It is greatly helped by occasional dressings of lime.

Jackmani. Color dark, rich, royal purple. **Each \$1.25.**

Mme. Edouard Andre. Unusual reddish flowers. **Each \$1.25.**

Nelly Moser. Mauve flowers with a red bar. Large blooms. **Each \$1.25.**

Henryi. Pure white; large and remarkably handsome. **Each \$1.25.**

Ramona. Popular pale blue flowers. **\$1.25.**

Honeysuckle

Halliana (Hall's Japan Honeysuckle). A strong, vigorous, almost evergreen sort. White flowers changing to yellow; very fragrant. **Each \$1.25.**

Goldflame. The flowers are large, in clusters, with flame-coral trumpets lined with gold. Fragrant after nightfall; blooming the same year planted. May till frost. 2-year field grown. **Each \$1.50.**

Scarlet Trumpet Honeysuckle (Sempervirens). Upright growth. Dark green foliage, with long tubular scarlet flowers. **Each \$1.25.**

Winter Jasmine

Jasminum Nudiflorum. This vine which needs some support, blooms almost all winter in the Puget Sound area. The yellow blossoms appear on the slender trailing stems before the leaves appear. Graceful and pretty. Two-year plants. **Each \$1.25.**

Silver Lace Vine

Polygonum Auberti. The plant is of strong, vigorous growth, attaining the height of 25 feet or more, and producing through the summer and fall great foamy sprays of white flowers. **Each \$1.25.**

Wisteria

The ideal conditions for Wisterias are a well-drained loam, sunshine, and plenty of moisture. We offer 2-year-old grafted plants.

Single Purple. Longissima Floribunda, clusters 24-30 inches long. **Each \$1.75.**

Single Pink. Floribunda, clusters 18-24 inches long. Very nice. **Each \$1.75.**



SILVER LACE VINE

Ampelopsis

(Boston Ivy; Japan Ivy)

Veitchi. This is the most popular of all climbing plants and attains a height of 30 feet in two or three years; clings to stones, brick, or woodwork. **Each \$1.25.**

Quinquefolia (Virginia Creeper; American Ivy). The large deep green foliage assumes brilliant shades of yellow and scarlet in the fall. **Each \$1.25.**

Scarlet Trumpet Vine

Bignonia radicans. For covering unsightly places, stumps, rockwork or planting in crevices in ledges. The flowers are large and borne profusely when the plant attains a fair size. **Each \$1.25.**

Bittersweet or Waxwork

Celastrus Scandens. One of our native climbing plants with attractive light green foliage and yellow flowers during June, followed in the autumn by bright orange fruit. **Each \$1.25.**

FLOWERING AND SHADE TREES

Spring is unthinkable without the charm of our flowering trees: Cherry, Crab, Peach, Plum, Dogwood, Hawthorn, Lilac. How much more charming the next spring will be for you, if you have one of these trees bloom in your own yard and decorate your rooms with its beautiful flowering branches!



MAGNOLIA SOULANGEANA

Magnolia

Soulangeana. One of the most beautiful of small growing trees, bearing great lily-like blooms in May before the leaves appear. Flower petals are creamy white tinted with purple. 2-3 feet. **Each \$5.50.**

Purpurea. Large flowers, purple outside, white within. Appearing before the leaves in early spring. Unusual and attractive. 2-3 feet. **Each \$5.50.**



FRENCH LILAC

Cherry—Flowering

This shrubby tree is considered the world over as one of the finest of the flowering trees. Grows to a height of 15 feet, producing great masses of double deep pink flowers. Buds almost red.

Kwanzan. 3 to 4 feet. **Each \$1.75.**

Flowering Crab

(Malus)

Bechtel's Double Pink Flowering. The Flowering Crab is valued not only for its beautiful blossoms but for the handsome fruits, which in the fall are attractive to us. In the spring a well-grown plant is a mass of bloom. 3 to 4-foot plants. **Each \$1.50.**

Hopa Crab. A beautiful upright growing tree with attractive foliage. Entirely covered with crimson buds followed by rose colored flowers in April. Fruit red inside and out, hanging on until late autumn. 4-5 foot plants. **Each \$1.50.**

Flowering Peach

Double Red Flowering (Upright). One of the showiest flowering trees for early spring. 4 to 5-foot plants. **Each \$1.50.**

Red Weeping (Double). This beautiful small tree has a spreading, pendulant habit which is superbly artistic and graceful. The blooms are fully double and a clean, sparkling red closely set on twisting and arching branches. 3 to 4 feet. **Each \$1.75.**

Flowering Plum

Blireiana—Double Flowering. A very handsome tree with heavy branches and double pink flowers, resembling apple blossoms, and reddish green foliage. Blooms very early in the spring. 4-5 feet. **Each \$1.50.**

Dogwood (Cornus)

Florida Rubra. Like the white flowering type but the flower bracts are a clear rosy-red. Very free flowering. Color is better when trees are established. 2 to 3 feet. **Each \$3.25.**

Pacific. Handsome, small tree covered with large, four-petaled white flowers in spring; beautiful, glossy foliage. 15 to 20 feet high when mature. 4 to 5 feet. **Each \$1.75.**

Hawthorn

(Paul's Double Scarlet)

Double scarlet, form of the well-known Hawthorn. Flowers profusely in May followed by bright red berries in fall. 2-year branched. **Each \$1.75.**

Lilac

Budded Varieties (French Grafts)

Adelaide Dunbar. Double, dark red. **Each \$2.00.**

Charles Joly. Double, dark reddish purple. **Each \$2.00.**

Edith Cavell. Double, milk white. **Each \$2.00.**

Norway Maple

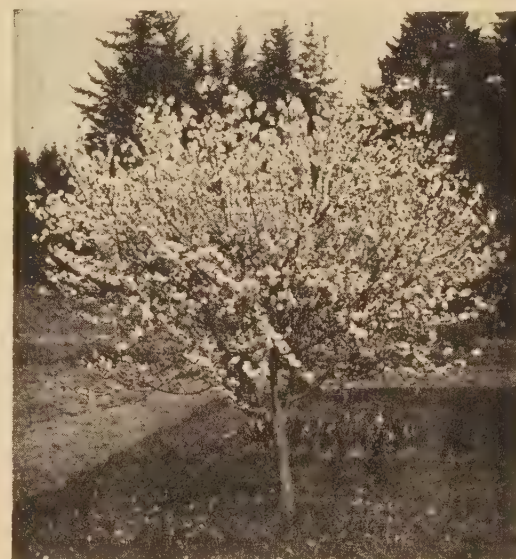
Crimson King. It is beautiful crimson through the summer months. Crimson King has been under observation in America for ten years and has kept its brilliant coloring all through the season, 4 to 5 ft. **Each \$3.25.**

Willow (Weeping)

Babylon (S. babylonica). Becomes large, always maintaining its graceful appearance. Its weeping branches make it very attractive. **Each \$2.00**



FLOWERING CRAB APPLE



FLOWERING PEACH



JAPANESE FLOWERING CHERRY (Kwanzan)

HARDY FIELD GROWN ROSES

TWO YEAR STANDARD GRADE NO. 1



SATURNIA (Pat. 349)

Patented Roses

Charlotte Armstrong (Pat. 455). Long, slender, blood-red buds open to immense flowers freely produced on a strong, bushy, free-blooming plant. **Each \$1.50.**

Capistrano (Pat. 922). All America Winner 1950. Produces unusually large buds and flowers on long stiff necked stems. The flowers sometimes reach a full six inches across and are a rich glowing rose-pink that does not fade. A rich heavy fragrance is present. **Each \$2.00.**

Forty-Niner (Pat. 792). All America Winner 1949). Brilliantly hued bi-color. Its contrasting colors are startling in their brilliance, and yet they blend together well. Inside of petals is a vivid Orient-Red, while the outside is a chrome-yellow changing to straw yellow. The long buds open to a well shaped bloom of 25 to 40 petals, mildly fragrant. **Each \$1.75.**

Fred Edmunds (Pat. 731). Beautiful buds of burnt-orange open to lasting blooms of reddish apricot aging to orange-pink. Sturdy, glossy foliage. All America winner in 1944. **Each \$1.50.**

Diamond Jubilee (Pat. 824). All America Winner 1948. A light colored variety of buff orange with a blush of orange-gold at the base of the petals. In effect it is a light peach. This rose is a good producer of flowers, very large and of exhibition quality. The plants are vigorous and sturdy and have good foliage. **Each \$2.00.**

Heart's Desire (Pat. 501). Exquisite, small, slender buds, of deep red, open to a loose semi-double flower of deep variety red which does not fade, and has a true rich old-time rose fragrance. **Each \$1.50.**

Lowell Thomas (Pat. 595). Large perfect blooms of glowing gold hold their color well. Dainty alluring fragrance. A delightfully rich rose on long stems. Each bloom is a treat in itself. A sturdy and vigorous grower. **Each \$1.65.**

Mary Margaret McBride (Pat. 537), A.A.R.S. This exquisite flower, admired particularly for its perfect form, is the most alluring, shining, coral-pink variety of recent years. The long firm buds have a golden base and open slowly to large 45-petal blooms which are double and high centered. Long, strong stems; hardy, vigorous plants. Luxuriant, smooth, deep green foliage. **Each \$1.50.**

Mission Bells (Pat. 923). All America Winner 1950. A deep salmon-pink opening into clear shrimp pink flowers up to 5½ inches across. The stems are long and buds pointed. Thorns are few and the pleasing tea-scented flowers are produced all through the blooming season. The plants are vigorous with abundant coppery-green foliage. **Each \$2.00.**

Peace (Pat. 591). One of the most sensational roses of all time. The range of color through which this variety passes is indeed marvelous. The big canary yellow buds open to 5-inch flowers that turn alabaster white with picotee cerise edges. A flower of great beauty and substance. Shades of color vary from flower to flower. The foliage is glossy. An exceptionally strong grower. **Each \$2.00.**

Saturnia (Pat. 349). Flowers a brilliant cardinal red, reverse salmon-yellow and copper. Bud is long and pointed. Plant vigorous and foliage deep glossy green. Continuous bloomer. **Each \$1.50.**

San Fernando (Pat. 785). All America Winner 1948. A currant red, double and with a very pronounced fragrance. Buds are high pointed and the petals are of heavy texture. Open blooms change to bright glowing scarlet and are borne on straight stiff stems. It is a vigorous and a good rose in every respect. **Each \$1.50.**

Signora (Pat. 201). A great improvement over the well-known Pres. Herbert Hoover. Slender buds are a warm burnt orange, opening to lighter mandarin and salmon. Foliage is rich, glossy, dark green. Tall, vigorous growth with strong stems. Very fragrant. Ideal for cutting. **Each \$1.50.**

Sutter's Gold (Pat. 885). All America Winner 1950. Has long pointed bright yellow buds richly shaded with orange and red. From early spring to late fall these buds open into fragrant, semi-double flowers from deep orange through various yellows, depending on location. **Each \$2.00.**

Standard Varieties

Autumn. Medium-sized buds are cupped double flowers. Burnt orange streaked with red. Strong, blooms profusely. **Each \$1.10.**

Betty Uprichard. Buds are medium-sized and long-pointed. Its spicy blooms are large; outside of the petals is deep carmine, inside silvery salmon. **Each \$1.10.**

Christopher Stone. A sensational new red garden rose of perfect form. The buds are very fragrant. The foliage is dark green and disease resistant. **Each \$1.10.**

Duquesa de Penaranda. Whether in bud or fully opened this rose is gloriously beautiful. Buds orange opening to fully double blooms of golden peach. Rich glossy disease resistant foliage. **Each \$1.10.**

Etoile de Hollande. The most popular red garden rose, a brilliant crimson red. A vigorous grower and a continuous bloomer. Large, moderately double, fragrant flowers. **Each \$1.10.**

Girona. The full, double flowers are magnificently formed and are beautifully colored in various tones of pink, carmine and yellow, varying with the weather but always lovely. You'll find it one of the most fragrant roses you've ever inhaled. It produces long-stemmed flowers very freely on a tall, strong plant. **Each \$1.10.**

Hinrich Gaede. Big, shapely, rust-red buds borne singly on very long strong stems. Open blooms double rosy copper with brilliant orange tones, dark veining on outer petals. **Each \$1.10.**

Joanna Hill. Large buds and blooms that are high pointed, and at no time do they become flat. Color is a delicate shade of golden yellow, deepening toward the center to a warm apricot tinge. Stems strong and foliage healthy. Fragrant and free flowering and especially fine for cutting. **Each \$1.10.**

McGredy's Ivory. This beautiful rose is especially noteworthy in the bud, which for perfection of form and lasting qualities is unsurpassed. The warm ivory buds open very slowly. **Each \$1.10.**

McGredy's Scarlet. Large, loosely formed, vivid rose-red flowers. Plants are healthy and large. This Rose is not scarlet—it is red, and one of the best. Blooms almost continually. **Each \$1.10.**

McGredy's Yellow. Large, bright buttercup yellow of perfect form. The sweetly scented blossoms are not damaged by rain. It is a strong grower, disease free, with dark bronzy green foliage on dark red stems, reminding one of barberry. **Each \$1.10.**



CHRISTOPHER STONE

K. A. Victoria. Creamy buds developing slowly to snowy white blooms of perfect form. **Each \$1.10.**

Mrs. Sam McGredy. The color of this variety is quite distinct from anything yet seen in roses. A wonderful dual combination of vivid shades, bright scarlet coppery orange, heavily flushed with Lincoln red on the outside. Flowers large and of perfect form. **Each \$1.10.**

Picture. A rose that is a picture. Every bud perfectly formed and with a cheerful glowing shade of rose pink. Has a sweet fragrance, and the bushes are strong and vigorous. **Each \$1.10.**

President Hoover. A glorious rose, hardy, free blooming and vigorous. The buds are large and pointed. The color is a splendid combination of cerise pink, flame scarlet and yellow; giving it a truly dazzling color combination. **Each \$1.10.**

Talisman. The flowers are a beautiful blending of vivid pink, orange and glistening gold all in one splendid blossom. The buds are especially fine, standing under most conditions without fading. **Each \$1.10.**

The Doctor. Long pointed buds of exquisite silvery pink open to enormous double blooms of finest substance. A heavy damask fragrance characterizes this striking rose. An excellent cut flower. **Each \$1.10.**



GOLDILOCKS (Pat. 672)

Polyantha or Baby Roses

Goldilocks (Pat. 672). A clear yellow Sweet-heart with rich dark foliage. Produces freely and with its neatness and clear color has found a definite position with discerning growers. **Each \$1.50.**

Pinocchio (Pat. 484). The improved Sweet-heart and most popular of the light pink cluster roses. Lovely soft shade of pink suffused with yellow. Very prolific grower. **Each \$1.50.**

Cecil Brunner. A perfectly shaped rose of great charm. The buds are exquisitely formed and are especially suited for corsage bouquets. Light pink shading to yellow at the base of the petals. **Each \$1.10.**

Betty Prior (Pat. 340). Large branching clusters of single blooms resembling red dogwood in shape, size and color. Lively red buds open to shell pink. Healthy, vigorous plants thrive in all positions in beds, borders, hedges, groups and large plantings. Rich and spicy perfume. **Each \$1.25.**

Fashion (Pat. 789). Luminous pink overlaid with gold, softening to coral and later a redish tone. Flowers borne in large sprays with old rose fragrance. Continuous bloomer. **Each \$2.00.**

Donald Prior (Pat. 340). Immense clusters of graceful glowing red flowers. Sturdy and vigorous. Never out of bloom. Donald and Betty Prior are a beautiful combination in the garden. **Each \$1.25.**

Rose Elfe. The miniature blooms of this strong hardy Floribunda appear just like the hybrid tea, Picture, reduced to less than half size. Rose pink pointed buds, high centered flowers, extremely double. Vigorous healthy plants, dark green foliage disease resistant. **Each \$1.25.**

Summer Snow. (Pat. 416.) You need a good white to complete a planting of Floribundas and here it is. Hardy, dwarf plants that become covered with snow white blooms. **Each \$1.25.**

BONE MEAL

A splendid fertilizer for use in bulb or rose gardens as well as for lawns. Price postpaid 1st, 2nd and 3rd zones only. **5 pounds for 85c; 10 pounds for \$1.50.**

ROSE FERTILIZER

A special fertilizer that has been developed for use on roses. Used by good rose growers everywhere. **5-lb. pkg. 95c.**

CLIMBING ROSES

Blaze. Acclaimed by the nation as the only hardy everblooming scarlet climber. Blaze combines the vigor, beauty and hardiness of Paul's Scarlet Climber. **Each \$1.10.**

Cecil Brunner. A perfectly shaped rose of great charm. The buds are exquisitely formed and are especially suited for corsage bouquets. Light pink shading to yellow at the base of the petals. **Each \$1.10.**

Cl. Etoile de Hollande. For description see Bush Roses. **Each \$1.10.**

Mrs. E. P. Thom. Clear canary-yellow buds and double blowers, together with ruddy green foliage, so disease resistant, has kept the popularity of this rose since 1926. **Each \$1.10.**

Mrs. Sam McGredy. (Pat. 374.) Large, long pointed buds are produced singly on strong, slender stems. The color is a glowing combination of red, copper and orange, changing to warm pink suffused with gold as the flower ages. Vigorous, healthy plant. **Each \$1.50.**

Peace Climber. (Pat. 832.) One of the most sensational roses of all times. Big canary yellow buds open to a 5-inch flower that turn alabaster white with picotee cerise edges. The foliage is glossy green. The plant an exceptionally strong grower. **Each \$2.00.**

Cl. Pres. Hoover. One of the best climbers. See bush Pres. Hoover. **Each \$1.10.**

Picture. (Pat. 524.) Every bud perfectly formed and with a cheerful glowing shade of rose pink. Has a sweet fragrance. **Each \$1.50.**

Summer Snow. (Floribunda, Pat. 400.) A perpetual blooming rose that is covered with snow-white blossoms. **Each \$1.50.**

High Noon. (Pat. 754.) All the concentrated essence of brilliant sunshine at midday is displayed in the lovely buds. The intense shade of clear shining yellow displayed in the medium size, well shaped buds, cannot be found in any other rose on the market today. **Each \$2.00.**

Dress Up That Empty Wall or Corner
With a Climbing Rose

CLIMBING ROSE PEACE (Pat. 832)

MINIATURE ROSES

These wee roses are among the most delightful and charming plants in the world. They require no "fussing" or extra care and are as hardy as their full sized relatives.



MINIATURE ROSE

Midget. (Pat. 466.) The tiniest rose-red bloom imaginable. The vigorous little plants produce very double flowers over a long period. The stems make a compact twiggy bushlet and are almost thornless. **Each \$1.00.**

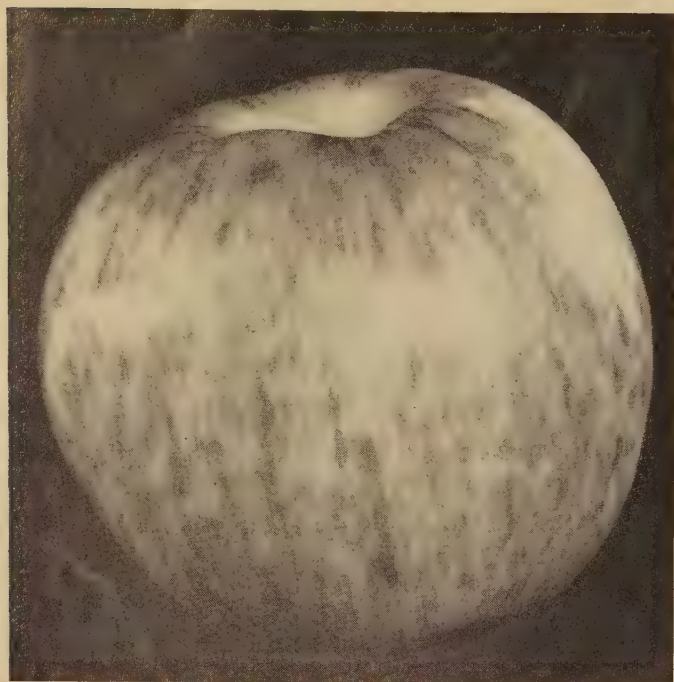
Pixie. (Pat. 408.) This is the Fairy Queen of all the Miniature Roses. The tiny blossoms are the most double, often having upwards to 40 petals in each little flower. The blooms come continuously and are white with a faint pink blush in warm weather. No variety surpasses Pixie for miniature bouquets, decorations or corsages. **Each \$1.00.**

Sweet Fairy. (Pat. 748.) The first miniature with true rose fragrance. Dainty, dark pink buds open to charming, very double one-inch blooms of apple blossom pink. Very free bloomer. **Each \$1.00.**

Tom Thumb. (Pat. 169.) The perfectly formed blooms are deep crimson in the bud. They become somewhat lighter as they open and finally a white eye appears in the heart of each beautiful flower. Tom Thumb is hardy, durable and everblooming. **Each \$1.00.**

MINIATURE ROSE COLLECTION
1 of each listed \$3.60

FRUIT TREES



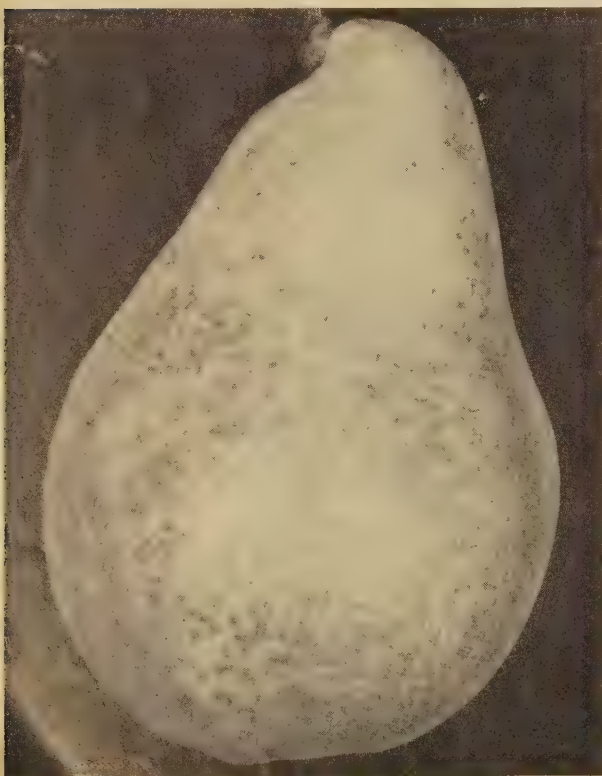
APPLE, GRAVENSTEIN

Notice: The high grade fruit trees, etc., offered in this list are unsurpassed for use in the Puget Sound area. The varieties listed are especially suited to our climatic conditions.

Postpaid in the 1st, 2nd and 3rd zones

COMBINATION APPLE TREES

Four popular varieties grafted on one tree. Summer, fall and winter varieties. Yellow Transparent, Spitzenburg, Gravenstein, and Delicious. Fine for the small fruit grower with limited space. **Each \$3.50.**



PEAR, BARTLETT



ROYAL ANNE CHERRY

Apples

1 Year, 4 feet and up: Each \$1.25

Snow Apples (Famuse). Yellow and red (October and December).

Gravenstein. Yellow (September-October). Dessert and pies.

King of Tompkins Co. (September-November). Dessert apples and pies.

Northern Spy. Red (November-December). Dessert apple and pies.

Red Delicious. Red striped (December-March). Dessert apple.

Red Gravenstein. Red (September-October). Dessert apple and pies.

Stayman Winesap. Red (December-March). Dessert apple.

Winter Banana. Large yellow with pinkish blush (October-March). Fine dessert.

Yellow Transparent. Early (July-September). Yellow culinary.

Yellow Delicious. Large yellow, conical fruit with white, crisp, rich flavored flesh of excellent quality. Bears young, very prolific.

APPLE COLLECTION

Any four of your choice, \$5.00 value for \$4.25 Postpaid

Crab Apple

Hyslop. Large purplish red. Very fine.

Apricots

1 Year, 4 feet and up: Each \$1.25

Moorpark. Fruit large, skin orange shaded deep orange red. A standard variety; excellent for canning, drying and fresh shipment. Ripens in July.

Tilton. Large size and extra good quality. Orange yellow tinged shell pink. One of the best.

Pears

1 Year, 4 feet and up: Each \$1.25

Bartlett. Large, early (August-September).

Bosc. Large, yellow (September-October).

D'Anjou. Large and juicy (Fall and mid-winter).

Winter Nellis. Small, sweet, juicy (November-January).

Cherries

1 Year, 4 feet: Each \$1.50

Sweet Bing. Large, black, solid.

Black Republican. Medium black, early. Pollenizer.

Royal Ann. Light red on yellow ground.

Centennial. Large, yellow firm fleshed and excellent flavor. Self fruited, excellent pollinizer.

Lambert. Large black heart shaped fruit, firm flesh and rich sweet flavor. Fine shipping and commercial cherry.

Montmorency. The standard sour Pie Cherry.

CHERRY SPECIAL

Your choice of any five of the above cherries—special, \$6.50



MOORPARK APRICOT

DWARF FRUIT TREES

We are listing some of the most popular of the various kinds of fruit trees in the Dwarf size. Descriptions of the fruit is the same as the larger size fruit trees. These trees are especially suitable for the home owner with limited space. All bear well in the Northwest and are easily cared for.

DWARF APPLES, Each \$2.25

Gravenstein
Yellow Transparent
Red Delicious

DWARF PEARS, Each \$2.25

Bartlett

DWARF SWEET CHERRIES, Each \$2.25

Bing
Royal Ann

DWARF PRUNES, Each \$2.25

Italian (Prune)



DWARF APPLE TREE

SMALL FRUITS

Notice: All plants will be booked when received and mailed at the proper time for planting. We cannot guarantee delivery on plants booked owing to the uncertainty of growing conditions. However, every reasonable effort will be made to fill all orders as received. We reserve the right to send in which ever manner will be the easiest or most economical for us.

Blackberries

Himalaya Giant. Rank growing with fine, coreless fruit. Transplanted. **Each 25c; doz. \$2.00; \$13.00 per 100.**

Texas. Bush variety, very productive. Transplanted. **Each 25c; doz. \$2.00; \$13.00 per 100.**

Currants

2 year No. 1; Each 25c; doz. \$2.50

Perfection. Bright red, very productive, good market variety.

Dewberry

Lucretia. This variety of berry is something similar in size to blackberries but has more the color of a youngberry. It has a good market on the fresh fruit stands. Transplanted. **3 for 60c; \$2.00 per doz.; \$13.00 per 100.**



CHAMPION GOOSEBERRIES

Gooseberries

2 year No. 1; Each 30c; doz. \$3.00

Oregon Champion. Greenish white, a market sort.



PRUNES

Peaches

1 Year, 4 feet and up

Rochester. Early, yellow freestone; very sweet. **Each \$1.25.**

Golden Jubilee. Yellow freestone, highly colored, of Elberta type, but four weeks earlier. Fine quality and flavor. **Each \$1.25**

Pacific Gold. 2 yr. size. This well known peach was originated in the Puget Sound area and is well adapted to this area. A golden colored fruit with delicious yellow flesh. Less acid than most sorts. Good canner and shipper. **Each \$2.00.**

Vedette. Yellow, freestone, very early, hardy and high quality. Delicious yellow flesh. Excellent table variety. Very good in the Pacific Northwest. **Each \$1.25.**

Veteran Peach. Especially well adapted to Western Washington, this excellent freestone peach is a fine commercial variety and good canner. Sweet deep golden flesh. Recommended for planting with Pacific Gold. Ripens 2 weeks later. **Each \$1.25.**

FOUR FINE PEACHES

One each of Rochester, Golden Jubilee, Vedette and Veteran, \$5.00 Value
Special \$4.50

Plums and Prunes

1 Year, 5 feet and up: Each \$1.25

Bradshaw. Large dark red (mid-season).

Peach. Round, large, freestone (July-August).

Green Gage. Small, round, greenish-yellow.

Yellow Egg. Large, juicy and sweet (September).

Italian. Dark purple.

Date Prune (Improved French). Large reddish purple, fine texture, sweet. A favorite for canning and eating.

NUT TREES

FILBERTS

Two kinds must be planted for proper pollination. The Pacific Northwest climate is ideal for growing Filberts. They are productive in a wide variety of soils. The nuts ripen in September and October.

Barcelona. A large round nut, readily self husking, rich in flavor. Very prolific. A strong upright grower. Most widely planted of all filberts. Does well when pollenized with Du Chilly. **3 to 4 feet, each \$1.50.**

Du Chilly. A large long nut, readily husked, finest of quality, often used as a main commercial crop; bears heavy when pollenized. **3 to 4 feet, each \$1.50.**

WALNUTS

Franquette. Grafted on Black Walnut roots; the large, thin shelled, improved English Walnut. Also an excellent large shade tree. **3 to 4 feet, each \$2.50.**



BOYSENBERRY

Boysenberry

This new berry is claimed by many growers to be the largest berry yet produced. Twice as large as Youngberries. Wonderful flavor, few seeds. Unsurpassed for canning, pies, jams or jellies or for eating fresh. Strong transplants. **3 for 60c; \$2.00 per doz.; \$13.00 per 100.**

SMALL FRUITS—Continued



RASPBERRIES, CUTHBERT

Loganberry

Transplants, well rooted. 3 for 75c; \$2.75 per doz.

Youngberry

Transplanted. 3 for 60c; \$2.00 per doz.; \$13.00 per 100.

Raspberries

Cuthbert. Very hardy, medium size, good flavor, red.

Lloyd George. This new red raspberry is the largest and one of the heaviest yielders yet introduced. The fruit is of the highest quality and an excellent keeper.

Washington. This new variety is larger, firmer and brighter colored than the Cuthbert. The bushes are less subject to cane freezing in hard winters; is resistant to mosaic and other diseases. It is without doubt one of the best of the new varieties and a good substitute for Cuthbert.

Prices on above: 10 for \$1.25; 25 for \$3.00; 100 for \$11.00

Indian Summer. Is by far the best everbearing raspberry yet introduced. Of very excellent quality and continuous bearing. 5 for \$1.00; 10 for \$1.85.

Cumberland (Black Caps). 10 for \$1.75; 25 for \$4.25.

Thornless Berries

These do not bear quite as heavily as the thorn type, but have the advantage of no thorns to interfere with picking.

Loganberry. Each 45c.

Boysenberry. Each 45c.

ASPARAGUS—RHUBARB
HORSERADISH

Asparagus Roots (by mail, postpaid).

Giant Washington. 1st to 4th zones: 3-year: 25 for \$1.25; 50 plants \$2.00; 100 plants \$3.50.

Horseradish Roots. 3 for 45c; doz. \$1.50.

Rhubarb Cuttings. Strawberry. 3 for 75c; doz. \$2.50.

STRAWBERRIES

Brightmore. Highly recommended for shipping, freezing and canning. Berries are bright red, firm, excellent flavor and uniform size.

Corvallis. A fine new dark red berry. About 10 days later than the Marshall. The plants are strong and hardy and are frost resistant.

Marshall (Improved). Standard market variety. Berries large and of excellent flavor.

Prices on Brightmore, Corvallis and Marshall: 25 for 85c; 100 for \$3.00; 1000 for \$25.00. Postpaid in the 1st, 2nd, 3rd zones.



STRAWBERRY, STREAMLINER

Northwest. A new strawberry, originated at the Puyallup Experiment Station. Out-yields the Marshall and has a better appearance. Wonderful for freezing and fresh market. Virus resistant. This berry has been tried and proved by commercial growers. 25 for \$1.75; 50 for \$3.25; 100 for \$6.00.

Everbearing Types

Minnesota No. 1166 (New Everbearing Strawberry). It bears 60 to 90 days after planting. Berries are large, long and pointed; are dark in color and perfectly red clear through, no green tips. Fruit is firm and sweet. Those who have tried this variety state they prefer it to any other Everbearer. 25 for \$1.35; 50 for \$2.60; 100 for \$5.00.

Streamliner. The strawberries start ripening at the same time as the Marshall and continue (with proper irrigation) through to freezing weather in the fall. They are very large in size and hold their size well during the season. The color is a rich, deep red, making the fruit exceedingly attractive, both fresh and preserved. They produce runners, which during the course of the season, will bloom and produce quite a large crop of berries. 25 for \$1.35; 50 for \$2.60; 100 for \$5.00.

Rockhill (No. 26). Everbearing. This new sort makes a strong healthy plant with dark green foliage and produces a large crop. The berries are bright in color and the flavor is similar to the Marshall. The bearing season is from June to freezing weather. However, they require moisture during August for best results. 10 for \$1.25; 25 for \$2.75; 50 for \$4.75; 100 for \$9.00.

Grow Your Own

BLUE BERRIES

At least two varieties of blueberries should be planted to aid in cross pollinating, as this will increase the yield.

Blueberries prefer acid soil and plenty of moisture during the fruiting season. Peat bogs, alder bottom, willow or cedar swamp when cleared and drained of surface water make ideal locations for commercial growings. Even the average upland home garden will do if peat moss, leaf mold or other acid producing aids are added. Sawdust spread around the bushes several inches thick to hold moisture will produce an acid soil condition. Acid soil and plenty of moisture are essential to best yields.

Plant about 4 feet apart, keep free of weeds from April till harvest; fertilize moderately. Prune 3 to 4-year wood.

Rancocas. Early, large berries, strong grower, good commercial berries.

Rubel. Midseason, berries medium size, good flavor, heavy producer.

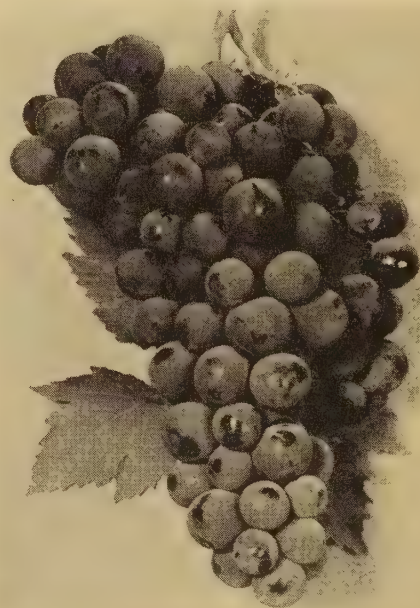
Grover. A late season, vigorous, upright grower. Berries large and good quality.

Burlington. Midseason to late producer, heavy yielder. Fruit large in long clusters. Fine for jelly, jams and pies.

3-year old, 24 to 30-inch strong, sturdy bearing size plants, each \$2.00; 4 for \$7.00.

This year we are offering two-year-old Blueberry plants 18-24 inches in the above named varieties. We have had many requests to supply this size plant. Any 2 varieties \$2.50; any 4 named \$4.75.

GRAPES



Concord. Blue black. Sweet and tender. Each 50c; 10 for \$3.75.

Niagara. Earliest and most popular of the white grapes. Each 50c; 10 for \$3.75.

Island Belle. Large, glossy black and prolific. Best market grape for this area. Each 50c; 10 for \$3.75.

Fredonia. The bunch and berries are large, compact and well shaped. The flavor is excellent, and it is just the variety you should plant for home use as well as for commercial purposes. Each 50c; 10 for \$3.75.

Caco (The New Red Grape). Wine red, compact bunches, good size and fine flavor. A hardy and thrifty grower. Each 50c; 10 for \$3.75.

LA CONNER, WASH.

19_

Tear off along this line

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SPRAYS and DUSTS—INSECTICIDES

Get Results with ORTHO Products



ORTHO ISOTOX—A garden spray in a liquid formulation containing 5% lindane. It controls a wide variety of pests on Roses, Ornamentals, Lawns and Garden Plants, also soil pests. Controls flies around dwelling barns and poultry houses. 1 teaspoonful per gallon of water. Use on Radish, Carrot, and Onion Maggot, also Strawberry Root Weevil and Cabbage. 2-oz. bottle 65c; 4-oz. \$1.10.

ORTHO RIX SPRAY—New fungicide for year-around use. Controls Mildews, Rose Mildew, Peach Leaf Curl, San Jose Scale and many other plant pests. Use on Roses, Delphinium, Lilacs, Grapes, Fruit Trees, Ornamentals, Peaches, Cane Berries, etc. Pint 85c; Quart \$1.40.

ROSE SPRAY KIT—Contains 2-oz. bottle of Greenol and 2-oz. bottle of Extrax. Use every 10 days for control of Aphis and Powdery Mildews on Roses, Beans, Cucumbers, Dahlias and Garden Peas. Each \$1.10.

ROSE DUST—Same control as the Rose Spray Kit only in dust form. Control of Aphis, Mildew and Black Spot. 8-oz. duster \$1.10; 1-lb. refill \$1.40.

TRIOX—Just what you have been looking for to get rid of those weeds on driveways, curbs and gutters, paths, brick or gravelled walks, tile patios or along fence rows. Kills weeds and poisons soil. Prevents plant growth 1 to 2 years. 1 quart \$1.15; 1 gallon \$3.75.

VAPOTONE SPRAY—Highly recommended for Aphis, Red Spider, Mites, Thrips, Caterpillars and Crawler Scale. 4-oz. bottle 95c; pint bottle \$2.75.

CHLORDANE—A new dust used for control of Carrot Rust Fly, Maggot in Radish and Cabbage. Apply the dust directly to the soil around the plants. 1-lb. duster \$1.00.

PEST-B-GON INSECT DUST (Contains 10% D.D.T.)—Use for Cucumber Beetle, Potato Beetle, Caterpillars, Pea Weevil, etc. D.D.T. has been highly recommended by the Northwest Experimental Station for the control of Pea Weevil. Apply at 7-day intervals, after the blossoms begin to fall. 10-oz. duster 80c.

VOLCK OIL SPRAY WITH D.D.T. Used for Aphis, Thrips, Red Spider, Lacebugs, Mites, and Cucumber Beetle. $\frac{2}{3}$ tablespoonfuls for each quart of water. 4-oz. bottle 45c; pint 85c.



BOTANO DE LUXE—Handy dust gun container. For chewing and sucking insects such as Aphis, Thrips, Mealybugs, Beetles, Caterpillars, Pear and Cherry Slugs. It also controls Powdery Mildew Black Spot and Rust. Used on Strawberries, Azaleas, Camellias and Rhododendrons. One of the best dusts developed in recent years. 8-oz. duster 90c; 2-lb. refill \$1.85.

ORTHO LAWN GROOM does three big jobs with one application—FEEDS THE LAWN, KILLS WEEDS, and CONTROLS INSECTS. Contains fertilizer, 2-4-D and insecticide in a balanced formulation. Directions on how to use on each package. 5-lb. package \$1.75; 10-lb. package \$3.10.

PEST-B-GON INSECT SPRAY (Contains 20% D.D.T.)—Apply as directed on bottle, for Pea Weevil apply at same intervals as dust. 4-oz. bottle 60c; pint \$1.90.

ORTHO GARDEN SPRAY SET—Contains one 4-oz. bottle of Extrax, Greenol, and Volck. Mix all three sprays in the same water and apply at 7- to 10-day intervals. Gives fine control for Aphis, Beetles, Caterpillars, Cabbage Worms, Leaf Hopper, Red Spider, Rose Slugs and Powdery Mildews. 4-oz. set \$1.95.

WEED-B-GON (2-4-D Liquid Weed Killer)—The Hormone Weed Killer containing 2-4-D acid for use against: Poison Oak, Bindweed, Wild Morning Glory, Dandelion and Plantain. Used on grass lawns for broad leaved weed control. 4-oz. bottle 55c; pint \$1.60.

SCRAM DOG REPELLENT—A powder in applicator package used to keep dogs away from shrubs, lawns, porches, etc. 8-oz. duster 60c.

ORTHO 2-4-5-T BRUSH KILLER—Used for control of Wild Blackberry, Willows and certain other woody perennial plants. Apply diluted with water or kerosene. One pint makes 10 gallons of spray material. Apply one gallon of spray material to 125-150 square feet of brush area. Pint \$1.85.

BUG-GETA PELLETS—Used extensively for Strawberry Root Weevil, also Slugs, Snails and Cutworms. Handy pellets, easy to use. 12-oz. package 40c; 2-lb. package 85c; 5-lb. package \$1.65.

BLACK LEAF 40

A concentrated nicotine solution for aphid, thrip and red spider or any other sucking insect. Also much used as a poultry house spray.

Prices: 1 oz. 36c; 5 oz. \$1.05; 1 lb. \$2.47.

Peach Leaf Curl Control Spray

Apply during dormant period, do not apply after buds start to open. Two or three applications are advisable.

Bordo Mixture. Prepared Bordeaux Mixture used to prevent PEACH LEAF CURL and certain blights, scale, leaf spot, rot and certain other plant diseases. 1 lb. can, each 75c.

Volck Oil Spray. To be used with Bordeaux Mixture as a spray carrier. 4 oz. 35c.

Ortho Rix Spray. See first column on this page.

SPOT-KILL LAWN WEEDS

WEEDUST

(TRADEMARK)

2,4-D in the ready-to-use can

Kill those here-and-there weeds in your lawn with Weedust—2,4-D in powder form. Just shake a pinch of Weedust directly on the weed from the can. No mixing or measuring or sprayer needed.

Large size can, 75c
Enough to kill 1,000 weeds

TRANSPLANTONE®

Reduces wilt and loss when transplanting
Vegetable gardeners: Cut down transplanting losses; give seedlings healthier roots. Get earlier, larger crops of tomatoes, finer cabbage, cauliflower, lettuce.

Flower gardeners: Use Transplantone when transplanting seedlings and shrubs, to get finer blooms, stronger growth.

$\frac{1}{2}$ -oz. packet, 25c • 3-oz. packet \$1
1-lb. can, \$4

IT'S FUN TO MAKE CUTTINGS FROM YOUR FAVORITE PLANTS

ROOTONE®

The Plant Hormone Powder Used by Professionals

It's easy. Rootone stimulates the natural tendency to put out roots. Rooting is faster and heavier, resulting in bigger, earlier plants.

Trial packet, 25c • 2-oz. pkg., \$1
1-lb. can, \$5

MORE TOMATOES! FRUITONE®

Spray Fruitone at blossoming time and each plant will set more fruit and bear more big, meaty tomatoes. Spray Fruitone for bigger crops of beans and lima beans, too. The dollar package makes 25 gallons of spray.

2/5 oz. packet, 25c • 2-oz. pkg., \$1
12-oz. can, \$5

MOSQUITOZOFF

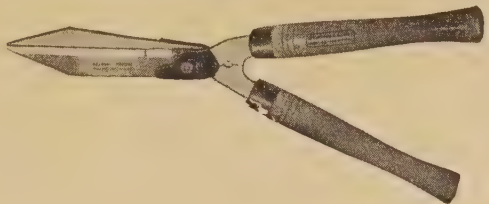


It is no longer necessary to suffer from the bites of mosquitoes, gnats and other flying insects. Our own experience with this repellent has been very satisfactory. It is pleasant to use and will not harm the most delicate skin. Be able to enjoy picnics, camping, fishing and other outdoor sports as never before.

Price, postpaid: 2 oz. 60c

Get the Right Tools

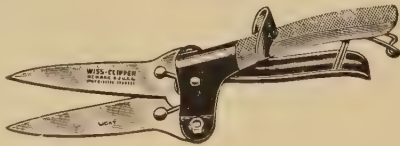
HEDGE SHEARS—Lightweight and ruggedly built for hard service.



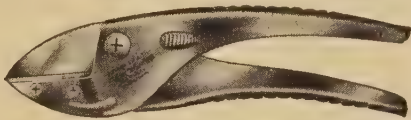
Blades of hardened, tempered cutlery steel, ground satin-smooth, with thin, keen edges. Smooth-shaped natural hardwood maple handles. 8-inch blades.

Each\$3.25

WISS CLIPPER GRASS SHEARS—Up-and-down action takes the muscle strain out of grass cutting. Rust resistant, cadmium plated, hardened blades, easily disassembled for occasional resharpening. Handles contoured for comfort and fitted with grip guard to prevent slipping. Each\$1.95



SEYMOUR SMITH SNAP CUT PRUNER—The "Snap Cut" Pruner cuts easier and cleaner than the conventional type and does not tear or injure the bark. The keen "V" shaped blades cut onto a soft metal anvil with an easy slicing action. Without any special hand strength it snips large, tough branches with ease. Each \$3.00



THE MERRY TILLER

Works the Garden . . .

Not the Gardener

A sturdy, light weight motor driven cultivator that will do a job that no other similar machine will do, and with a minimum of effort.

It is so light and easily handled that a woman can operate it without difficulty and can be moved under its own power to the job without injury to lawns or walks.

It can be used in flower beds and among shrubs to thoroughly

much the ground or to prepare new ground for flower beds or garden. It is ideal for general cultivating between rows and around plants and for mixing fertilizer with the soil; for potting beds or general garden work.

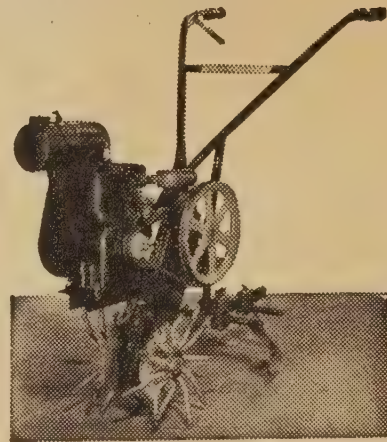
It cultivates rows from 12 inches up and to a depth of 10 inches and operates efficiently in all types of solid and on rough terrain. Additional rotors may be attached to increase the tilling width to 24 inches.

It cultivates close up to trees, walks, shrubs, buildings, etc. It is a complete all purpose piece of equipment for nurserymen and gardeners. **It can be operated for less than 10c per hour.**

The Merry Tiller is provided with a hitch to accommodate standard cultivating tools as well as several special factory built attachments. Write for free folders.

- Weighs only 85 lbs.
- Is powered by a 1 1/2 H.P. 4-cycle single cylinder air cooled engine, governor controlled. Rope starter.
- Has finger tip controls, no wheels or tires, is light and sturdily built.
- Is guaranteed against defective workmanship and material for 90 days. We recommend it very highly from personal experience in our own nursery.
- Is priced so that anyone can afford to own one. Freight prepaid in Washington and Oregon.

Price \$157.50



Markle ALUMINUM TOOLS



**CLAW
WEEDER
No. 205**

One of the handiest garden tools we have seen. Each80c



**ALUMINUM
GARDEN
TROWELS
No. 201**

Made of all aluminum, one piece heavy duty trowel. Each.....75c



**TRANSPLANTER
No. 202**

For transplanting. Aluminum, narrow one piece. Each.....70c

JUDSEN MOLDED RUBBER KNEE PADS

for GARDENERS!

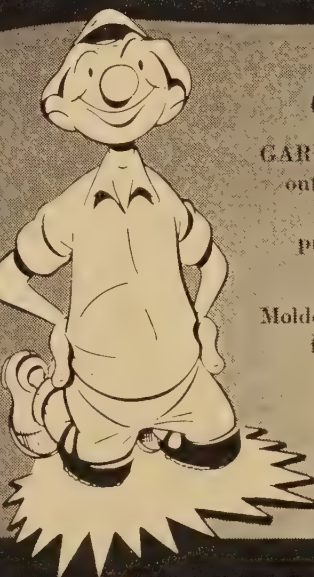
GARDENERS are able to get right down and work without any discomfort from rough ground or dampness.

COTTON PICKERS get real kneeling ease and protection against knee ailments. Pickers can work faster, earn more with JUDSEN KNEE PADS.

Molded from top-quality rubber, JUDSEN KNEE PADS feature a soft sponge rubber cushion for the knee.

Easily adjustable straps are molded right into each pad. Wear them all day long, kneeling, standing or walking. Order your pair today.

*A Product of Judson Rubber Works, Inc.
Chicago 24*



- TOUGH MOLDED RUBBER
- SOFT SPONGE INSERT
- ADJUSTABLE STRAPS
- NON-SLIP WAFFLE TREAD
- MOISTURE RESISTANT
- LIGHT IN WEIGHT



PRICE: \$2.25 Per Pair



PLANTABBS
grow bigger, better
plants, flowers,
shrubs, vegetables!

PLANTABBS
make plants and
flowers grow like
magic! This rich,
PLANT FOOD in conven-
ient TABLET form is ideal
for potted plants, window boxes, all
garden flowers, vegetables and shrubs.
PLANTABBS are clean, odorless, easy
to use. 30 tablets 25c; 75 tablets 50c;
200 tablets \$1.00; 1,000 tablets \$3.50.

Fulton's
PLANTABBS
PLANT FOOD TABLETS PLUS BI



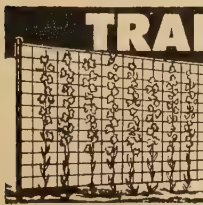
**PROTECT
your garden**
WITH
**SCARE-
AWAY**
THE MODERN SCARECROW

PAT. PENDING

**keep pests away
night and day**

Shiny aluminum strips crackle and
flash. Scares robins, pigeons, all
birds and animals from gardens,
bushes and trees. Protects seed
as well as crops. Easy to use.

Package of 10 only 25c
4 pkgs. 1.00 postpaid



TRAIN-ETTS

Ideal support for SWEET
PEAS, GARDEN PEAS,
POLE BEANS, CUCUM-
BERS, TOMATOES. Hung in
5 minutes. Doesn't rot like
string, nor burn tendrils like
wire. 3 sizes—
60-inch x 72-inch, 65c
60-inch x 96-inch, 85c
60-inch x 180-inch, \$1.25



If you are bothered with dogs, cats or rabbits,
"Dogzoff" is the spray you need. It is a most effi-
cient animal repellent and one spraying will last
from three to four weeks. Not poisonous to plants
and will not injure animals. Not offensive to
humans. Its use is guaranteed to keep these ani-
mals from any place where they are not wanted.

Price, 75c, prepaid.

OLD TRAPPER MOLE BAIT

A prepared bait com-
posed of ingredients
attractive to moles
with an effective poi-
son that causes instant
death to these pests.
Sold with a money
back guarantee.

Thousands of satisfied
users.



Price per can, 2 oz. (50 baitings), 50c.
Lb. can (400 baitings), \$3.00.

Old Trapper "Mouse Nox"

A new mouse bait that mice really love and that
will actually rid the premises of these troublesome
pests.

Price: Bottle (about 1½ oz.), 25c

Old Trapper Rat Krunches

A new Red Squill rat and mice poison bait that
really kills. Put up in packages of about 100 baits
each of a kind and size attractive to rats. Harmless
to pets and humans.

Price per packet (100 baits), postpaid, 35c

Old Trapper Poisoned Grain

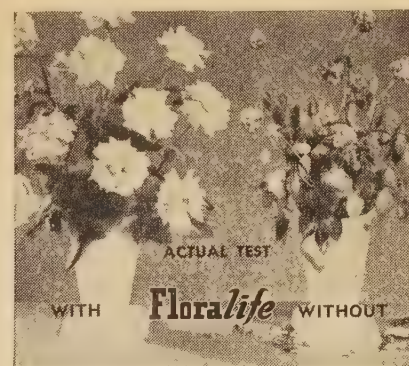
For those who prefer a grain, we have this pre-
pared poisoned bait, more efficient than traps or
other methods of killing. It is unattractive to cats,
dogs and other pets, but sure death to rats, mice,
ground squirrels and prairie dogs. Price per pkt. 35c.



HOTKAPS

Give your flowers and vegetables
an earlier safe start. HOTKAPS
provide individual HOTOUSES
for seedlings and young plants,
provide positive protection against
UNEXPECTED FROSTS,
STORMS, INSECTS, ripen plants
weeks earlier.

BIG GARDEN PACKAGE of 25 only 85c—Setter Free



Flowers last long, hold color and fragrance. No
water changing. Sold with the manufacturer's
money-back guarantee.

Packet—enough to treat 2 quarts of water. 10c

FARM JOURNAL

We are local representatives for the FARM
JOURNAL on which we offer a special
price of TWELVE months for 50c. This
magazine is published in the interests of
the farmer, gardener, and home owner,
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Books on Gardening

"THE COMPLETE BOOK OF GARDEN MAGIC,"
320 pages, 17 full color illustrations. Chapters on
Lawns, Trees and Shrubs, Acid Loving Plants, Roses,
Vegetables, Fruits and Berries, Flower Arrangement,
etc. A complete garden book in one large volume.
Each \$3.50.

THE MODERN FAMILY GARDEN BOOK. 160 pages,
over 400 diagrams, charts and tables. Complete
information for the home gardener. Each \$1.75.

Aluminum Tree Labels

Permanent marking can be made on these
light aluminum labels with a lead pencil. 12
for 35c; 25 for 65c.

Wood Labels

	Doz.	100
3½-inch Painted Tree Labels, copper wire	\$.15	\$.75
4-inch Painted Pot or Garden Labels	.15	.75
6-inch Painted Pot or Garden Labels	.15	.75
10-inch Painted Pot or Garden Labels	.25	1.50
(Postpaid)		



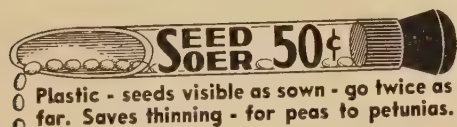
TWIST-EMS

Strong, dark green "invisible"
tapes with wire reinforcing —
speedily and permanently support
annuals, perennials, vines,
shrubs, and vegetables.
Box of 200, 4-inch size, 25c;
Box of 100, 8-inch size, 25c;
Box of 100, 16-inch size, 50c.
NEW! 15c Pkg., 50 of 8-inch size;
10c Pkg., 35 of 8-inch size.



BOOSTER POWDER Stimulates Plant Growth, Root Formation, Fruit Setting, Flower Production. Produces vegetables rich in flavor and minerals. Contains Nitrogen, Phosphorus, Potash, Calcium, Sulphur, Iron, Magnesium, Manganese, Zinc, Boron, Copper and Iodine. Add 1 tablespoon Miller's Garden BOOSTER Powder to 1 gallon water. Mix thoroughly.

1 lb., 60c — 5 lbs., \$1.75



Plastic - seeds visible as sown - go twice as far. Saves thinning - for peas to petunias.

Grafting Wax

This is one of the best grades of grafting wax on the market and is suitable for use in grafting fruit trees or budding roses or other shrubs such as holly, etc. 1/4 lb. 35c; 1/2 lb. 65c; 1 lb. \$1.15.

Bone Meal

A splendid fertilizer for use in bulb or rose gardens as well as for lawns. Price postpaid 1st, 2nd, and 3rd zones only. 5 pounds for 85c; 10 pounds for \$1.50.

PEACH TREES

DIAMOND "L" BRAND PEACH LEAF CURL SPRAY

For control of peach leaf curl fungi when applied both late fall and late winter. An oil emulsion and copper compound.

8 oz. 60c; qt. \$1.50; gal. \$4.00

PLANT-CHEM SALTS

*A scant spoonful makes a
Gallon of Rich Plant Food*



PLANT-CHEM

25c size makes 16 gal.
\$ 1.00 size makes 100 gal.
2.00 size makes 400 gal.

LAWN-CHEM

50c size makes 100 gal.
\$ 1.50 size makes 400 gal.
4.00 size makes 1200 gal.

PLANT-CHEM ACID FOOD

25c size makes 16 gal.
\$ 1.00 size makes 100 gal.
2.00 size makes 400 gal.

Safe, odorless, easy to handle, concentrated plant foods with all nutrients, trace elements and growth hormone.



POUR IT ON—WATCH 'EM GROW



Miller's GARDEN COMPOST MAKER

5 lbs. 25 lbs.
\$1.15 \$4.50

★ CONVERTS RUBBISH INTO
FERTILIZER

★ USES GRASS CLIPPINGS,
LEAVES, WEEDS, ETC.

A 5-lb. package of Miller's Garden Compost Maker will make several hundred pounds of high-grade, organic humus fertilizer by converting your garden refuse into a rich organic humus compost.

**REMEMBER D.D.T. SPRAY AND DUST FOR
PEA WEEVIL CONTROL. SEE PAGE 37.**

WINTER SPRAY

DIAMOND "L" BRAND DORMITE DORMANT OIL EMULSION

A thorough application of this dormant oil spray will de-vitalize many insect eggs when applied as a general fall or winter clean-up application. Especially effective on many kinds of scale, particularly lecanium scale, oyster shell scale, San Jose scale.

Qt. 75c; Gal. \$1.95



ALL-LEATHER • DIRT-PROOF • WASHABLE

yet so soft and pliable they allow almost barehand freedom. Comfortable wear with thorough protection. Economical, too, for they are very durable and can be worn the year round for general home use as well as gardening. Three sizes.

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LADIES' MEDIUM
LADIES' LARGE

MEN'S MEDIUM
MEN'S LARGE

PRICE: EACH, \$1.50



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Picture
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listed on
Pages 32-33

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Fire Chief

All America
Gold Medal Winner
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